

STR-GX9ES/GX10ES

SERVICE MANUAL

US Model

STR-GX9ES

US Model
Canadian Model

STR-GX10ES



This photo is GX-10ES.

SPECIFICATIONS

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:

With 8-ohm load, both channels driven, from 20 – 20,000 Hz, rated 150 watts (STR-GX10ES) or 130 watts (STR-GX9ES) per channel minimum RMS power, with no more than 0.007% total harmonic distortion from 250 milliwatts to rated output.

Amplifier section

Dynamic power output

STR-GX10ES
230 watts + 230 watts (8 ohms)
360 watts + 360 watts (4 ohms)
STR-GX9ES
200 watts + 200 watts (8 ohms)
310 watts + 310 watts (4 ohms)

Harmonic distortion

Less than 0.007% at rated output

Frequency response

PHONO: RIAA equalization curve ± 0.3 dB
CD, DAT
TAPE
VIDEO 1,2, V3/CDV
(AUDIO)
ADAPTOR

2 Hz – 200 kHz ± 0.3 dB
20 Hz – 20 kHz ± 0.2 dB

Residual noise Less than 115 μ V (8 ohms, network A)

Damping factor 60 (8 ohms, 1 kHz)

Dynamic headroom

1.85 dB

Inputs

		Sensitivity	Impedance	S/N (weighting network, input level)
PHONO	MM	2.5 mV	50 kilohms	90 dB 80 dB* (A, 5 mV)
	MC	160 μ V	100 ohms	73 dB 74 dB* (A, 0.5 mV)
CD, AUX VIDEO 1,2 V3/CDV TAPE, DAT ADAPTOR IN		150 mV	50 kilohms	105 dB 84 dB* (A, 150 mV)

*178 IHF

Outputs

VIDEO (1) AUDIO OUT
REC OUT

Voltage 150 mV
Impedance 1 kilohms

HEADPHONES

30 mW (at 8 Ω)
Accepts low and high impedance headphones.

Tone controls

BASS

± 7.5 dB at 100 Hz (turnover 200 Hz)
 ± 10 dB at 100 Hz (turnover 400 Hz)

TREBLE

± 6 dB at 10 kHz (turnover 6 kHz)
 ± 10 dB at 10 kHz (turnover 3 kHz)

MID

± 12 dB at 1 kHz

—Continued on next page—

FM stereo/FM-AM Receiver
SONY



STR-GX9ES/GX10ES

Muting -20 dB
 Subsonic 15 Hz 6 dB/oct
 Loudness +10 dB at 50 Hz
 +3 dB at 10 kHz
 (ATTENUATOR at -30 dB position)

Video section
 Inputs VIDEO 1, 2, 3: 1 Vp-p, 75 ohms
 Outputs VIDEO 1, MONITOR: 1 Vp-p, 75 ohms

FM tuner section AM tuner section

	FM tuner section	AM tuner section
Tuning range	87.5 - 108.0 MHz	530 - 1,610 kHz (with the AM tuning interval set at 10 kHz) 522 - 1,611 kHz (with the AM tuning interval set at 9 kHz)
Antenna terminals	300 ohms, balanced 75 ohms, unbalanced	External antenna terminal, loop antenna
Intermediate frequency	10.7 MHz	450 kHz
Sensitivity at 50 dB quieting	16.8 dBf, 1.8 μ V (mono) 37.9 dBf, 22.5 μ V (stereo)	—
Usable sensitivity	10.3 dBf, 0.9 μ V (IHF)	Loop antenna: 50 dB μ V/m (at 1,000 kHz) External antenna: 100 μ V (at 1,000 kHz)
Signal-to-noise ratio	91 dB (mono) 87 dB (stereo)	50 dB (at 50 mV/m)
Harmonic distortion	0.06% (mono), 0.08% (stereo) at 1 kHz	0.3% (at 50 mV/m, 400 Hz)
Selectivity	90 dB at 400 kHz	40 dB at 10 kHz 35 dB at 9 kHz
Separation	60 dB at 1 kHz	
Frequency response	15 Hz - 15 kHz $^{+0.2}_{-0.5}$ dB	
IM distortion	0.06% (mono) 0.08% (stereo)	
Capture ratio	1.2 dB	
AM suppression ratio	65 dB	
Image response ratio	80 dB	
IF response ratio	90 dB	
Spurious response ratio	100 dB	
RF Intermodulation	80 dB (800 kHz)	

General System

Tuner section: PLL quartz-locked digital synthesizer system
 Preamplifier section: low-noise NF type Hi GAIN equalizer amplifier, Double-stage differential, 3 position tone control
 Power amplifier section: pure complementary parallel SEPP

Power requirements 120 V AC, 60 Hz

Power consumption STR-GX10ES:

For the U.S.A model: 250 watts
 For the Canadian model: 540 VA

STR-GX9ES: 230 watts
 AC outlets 1 switched (100 W max)
 1 unswitched (100 W max)
 Dimensions Approx. 470 x 161 x 436 mm (w/h/d)
 (18 1/2 x 6 3/8 x 17 1/4 inches)

including projecting parts and controls
 Weight Approx. 18.5 kg (40 lb 14 oz) net
 Accessories supplied

FM ribbon antenna (1)
 Antenna connector (1)
 AM loop antenna (1)
 Remote Commander
 Sony battery SUM-3(NS) (for the remote commander)

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SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety check before releasing the set to the customer:

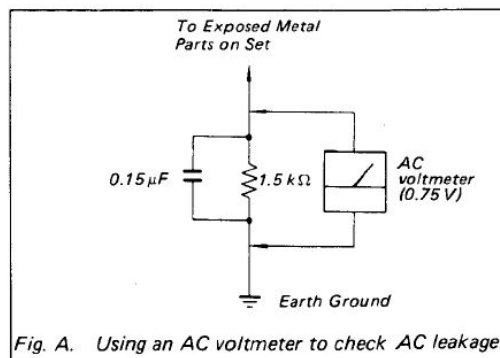
Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.

3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)



SAFETY-RELATED COMPONENT WARNING!!

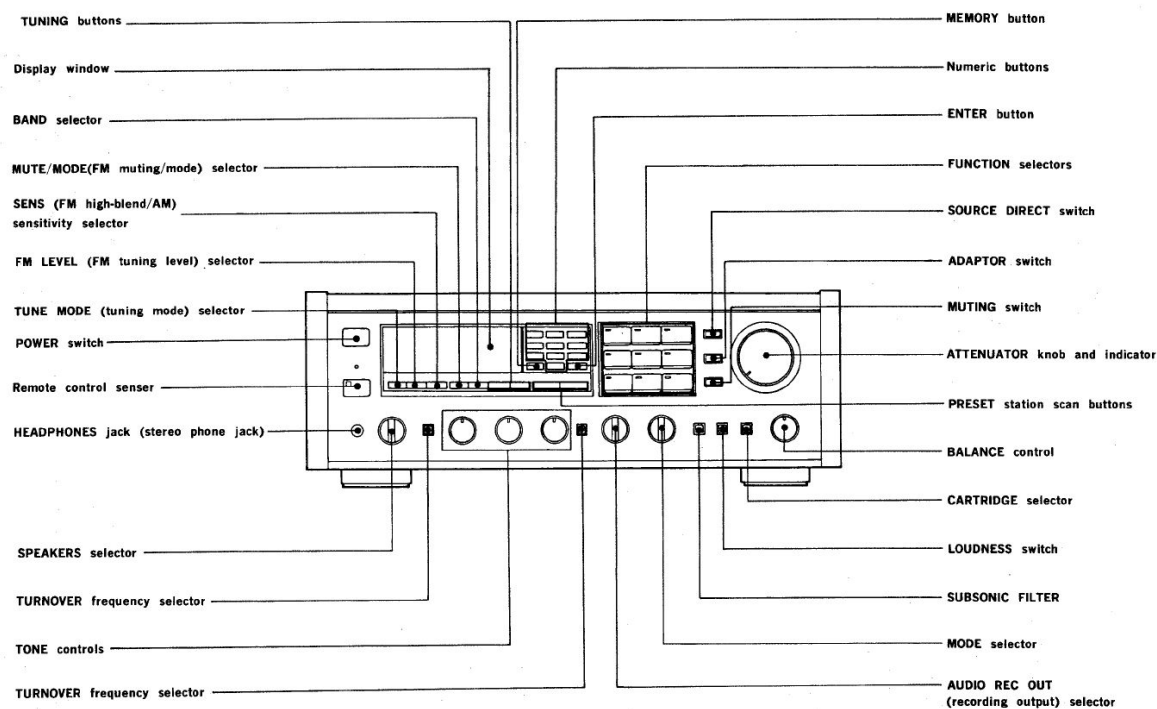
COMPONENTS IDENTIFIED BY MARK OR DOTTED LINE WITH MARK ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

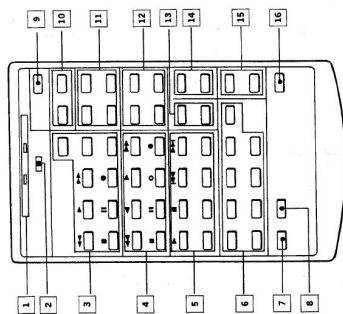
LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

SECTION 1
GENERAL

1-1. PARTS IDENTIFICATION



The supplied programmable commander RM-P103 can learn various functions of other remote commanders emitting infrared rays.



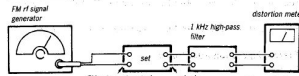
- 1 **FUNCTIONS** menu
 - 2 **AUTOMATIC SEARCH** button
 - 3 **POWER OFF** button
 - 4 **POWER OFF** button
 - 5 **POWER OFF** button
 - 6 **POWER OFF** button
 - 7 **POWER OFF** button
 - 8 **POWER OFF** button
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 - 98 **POWER OFF** button
 - 99 **POWER OFF** button
 - 100 **POWER OFF** button

STR-GX9ES/GX10ES STR-GX9ES/GX10ES

SECTION 2

ELECTRICAL ADJUSTMENTS

FM SECTION

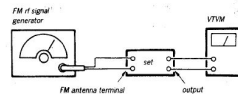


FM STEREO STANDARD SIGNAL	
Carrier frequency:	90 MHz
Modulation:	Audio 1 kHz 37.25 kHz deviation (45%) Sub-channel 38 kHz 37.25 kHz deviation (45%) Pilot 19 kHz 7.5 kHz deviation (10%)

FM MONAURAL STANDARD SIGNAL	
Carrier frequency:	90 MHz
Modulation:	1 kHz, 75 kHz deviation (100%)

Muting Width Adjustment

Setting:
IF BAND: WIDE
MUTING/MODE switch: ON
Receiving frequency: 98 MHz



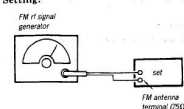
Carrier frequency: 98 MHz $\pm$ 50 kHz, $\pm$ 50 kHz
Modulation: 1 kHz, 75 kHz deviation (100%)
Output level: 10 mV (80 dB)

Procedure:

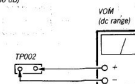
1. Increase the frequency of FM rf signal generator 50 kHz more than that of the receiving frequency and adjust IFT002 to obtain output.
2. Decrease the frequency of FM rf signal generator 50 kHz less than the receiving frequency and make sure to obtain output.
3. Repeat steps 1 and 2, then adjust IFT002 to obtain output when increasing or decreasing the frequency of FM rf signal generator by the same amount.

FM Discriminator Adjustment

Setting:



Carrier frequency: 98 MHz
Modulation: 1 kHz, 75 kHz deviation (100%)
Output level: 10 mV (80 dB)



Procedure:

1. Tune the set to 98 MHz by pressing the TUNING (+, -) buttons.
2. Turn the core (secondary side of IFT004) for 0 V reading on VOM.
3. Turn the core (primary side of IFT003) for minimum distortion reading on the distortion meter.

Note: When replacing the ceramic filter, perform this adjustment. Repeat the secondary-side and primary-side adjustments several times.

Stereo THD Adjustment

Procedure:

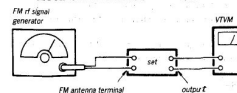
FM rf stereo signal generator: L-CH

1. Tune the set to 98 MHz by pressing the TUNING (+, -) buttons.
2. Adjust IFT001 for minimum distortion reading on the distortion meter.

FM Muting Level Adjustment

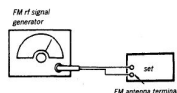
Settings

Setting:
FM LEVEL switch: HIGH
MUTING/MODE switch: ON



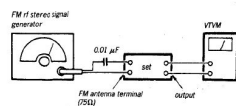
Procedure:

1. Tune the set to 98 MHz by pushing the TUNING (+, -) buttons.
2. Set FM LEVEL switch to HIGH.
3. Adjust RT001 for instantaneous 0 V reading on VTVM.

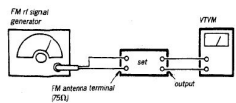
FM Meter Level Adjustment**Setting:****Procedure:**

1. Tune the set to 98 MHz by pushing the TUNING (+, -) buttons.
2. Turn RT002 and stop it when the graduation 10 changes from turning off to on.

- Signal Indicator -

**Pilot Cancel Adjustment****Setting:****Procedure:**

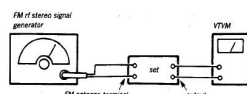
1. Tune the set to 98 MHz by pressing the TUNING (+, -) buttons and turn OFF the audio modulation of the FM rf stereo signal generator.
2. Adjust RT006 for minimum reading on the VTVM. Output level of both channels should be well balanced.

Tracking Adjustment**Setting:****Procedure:**

1. Tune the set to 108.0 MHz by pushing the TUNING (+, -) buttons.
2. Adjust L001, L002, and L003 for a maximum reading on VTVM.

FM Stereo Separation Adjustment**Setting:**

FM LEVEL switch: HIGH
MUTING/MODE switch: ON



Carrier frequency: 98 MHz
Output level: 10 mV (80 dB)
Modulation: Audio 1 kHz
33.75 kHz deviation (45%)
Sub-channel 38 kHz
33.75 kHz deviation (45%)
Pilot 19 kHz, 75 kHz deviation
7.5 kHz deviation (10%)

Procedure:

FM stereo signal generator output channel	VTVM connection	VTVM reading (dB)
L-CH	L-CH	①
R-CH	L-CH	②
R-CH	R-CH	③
L-CH	R-CH	④

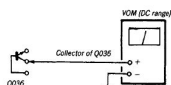
L-CH Stereo separation: ① - ②

R-CH Stereo separation: ③ - ④

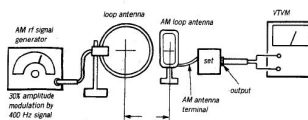
The separations of both channels should be equal.

Control Voltage Adjustment

1. Tune the set to 108.0 MHz by pushing the TUNING (+, -) buttons.
2. Adjust L004 for 21.0±0.2 V reading on VOM.
3. Tune the set to 87.5 MHz by pushing the TUNING (+, -) buttons.
4. Check for 8.0±1.0 V reading on VOM.

**AM SECTION**

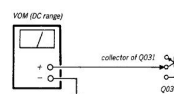
Setting: 9 kHz/10 kHz switch: 9 kHz

**AM Meter Level/AM Auto Stop Level Adjustment**

Setting: AM rf signal generator
Carrier frequency: 909 kHz
Modulation: 400 Hz, 30% modulation

Procedure:

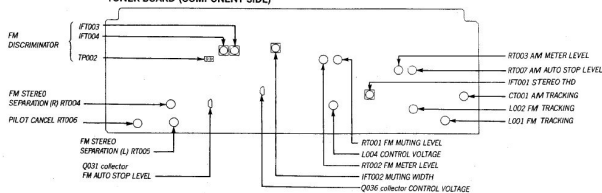
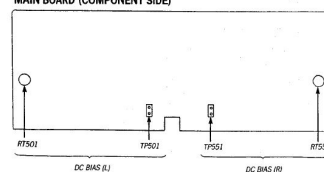
1. Set AM rf signal generator so that the AM antenna input level becomes 64 dB/m.
2. Adjust RT003 so that all the signal elements 1 to 10 light up.
3. Set AM rf signal generator so that the AM antenna input level becomes 58 dB/m.
4. Adjust RT007 for 1.0 V reading on VOM.
5. Repeat the steps from 1 to 4 several times.

**AM Tracking Adjustment****Procedure:**

Adjust CT001 so that the output level of 1,000 kHz is a maximum reading on VTVM.

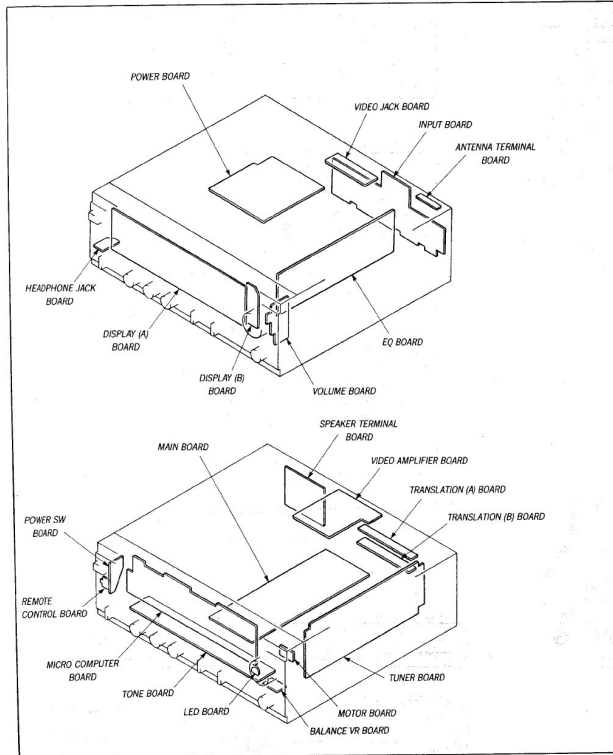
AMPLIFIER SECTION**DC BIAS Adjustment (with no signal input)****Procedure:**

- L-CH -
1. Connect TP501.
 2. Adjust RT501 for 7.5 mV reading on the VTVM.
- R-CH -
1. Connect TP551.
 2. Adjust RT551 for 7.5 mV reading on the VTVM.

TUNER BOARD (COMPONENT SIDE)**MAIN BOARD (COMPONENT SIDE)**

SECTION 3 DIAGRAMS

3-1. CIRCUIT BOARDS LOCATION



3-2. SEMICONDUCTOR LEAD LAYOUTS

BA4560 	LA5666 	μ PC1237HA 	2SA1116A-KTP 	2SC634SP 2SC3569 2SC2995-O 2SC3391 BA1A4Z 	10E2N EQA02-28A HZ1282L HZ15-2L HZ15-2L HZ30-2L HZ6C2L HZ7B2L US1060M
BA829 	LB1493 	μ P075108CW-140 	2SA1175 2SC2785-E BA1A4M BN1A4M DTC114TS 	2SC3622A-L 	KV1320
CX79258 	LC7570 	2SA733-P 2SC1845-EA 2SC3622-L 	2SA1196 2SA1492 2SC3856 	2SK30AGR33 2SK246-GR 	SIVB40
CXA1064S 	LC7811 LC7822 	2SA985-P 2SA1383 2SC225-P 2SC3514 	2SB772-P 2SA1383 2SC225-P 2SC3514 	2SK161-GR 2SK241-Y 	EQA02-10AB5
LA1235 M40538P SN74LS145N TC4052BP 	M54543L 	2SA988-F 	2SB733-4 2SB734 2SD774 	2SK385-GR 	RB-151LFB
LA1245 	M578M05 	2SA995 			

3-2. SEMICONDUCTOR LEAD LAYOUTS

BA4560 (Top view)	LA5666 (Top view)	μPC1237HA (Top view)	2SA116A-KTP (Top view)	2SC634SP 2SC2969 2SC2995-0 2SC3391 BA1A42 (Top view)	10E2N EQA02-28A HZ125L HZ15-2L HZ18-2L HZ30-2L HZ5C2L HZ7B2L US1060M (Top view)	RBV 402-01 RBV 602-01 (Top view)
BA829 (Top view)	LB1493 (Top view)	μPD75108CW-140 (Top view)	2SA1175 2SC2785-E BA1A4M BN1A4M DT114TS (Top view)	2SC3622A-L (Top view)	SV-03 (Top view)	
CX7929B (Top view)	LC7570 (Top view)	2SA723-P 2SC1845-EA 2SC3622-L (Top view)	2SA1186 2SA1492 2SC3856 (Top view)	2SK30AGR33 2SK246-GR (Top view)	KV1320 (Top view)	SEL1810A (Top view)
CXA1064S (Top view)	LC7811 LC7822 (Top view)	2SA985-P 2SA1363 2SC275-P 2SC3514 (Top view)	2SB772-P 2SC2837 2SD879-K 2SD882-P (Top view)	2SK161-GR 2SK241-Y (Top view)	S1VB40 (Top view)	SEL2510C (Top view)
LA1235 M4053BP SN74LS145N TC4053BP (Top view)	MS4543L (Top view)	2SA986-F (Top view)	2SB733-4 2SB734 2SD774 (Top view)	2SK389-GR (Top view)	EQA02-10AB5 (Top view)	SEL2810A-C (Top view)
LA1245 (Top view)	MSF78M05 (Top view)	2SA995 (Top view)		RB-151LFB (Top view)		

3-3. PRINTED WIRING BOARD — TUNER/INPUT/V AMP SECTION —

• Refer to page 10 for Semiconductor Lead Layouts

• Semiconductor Location

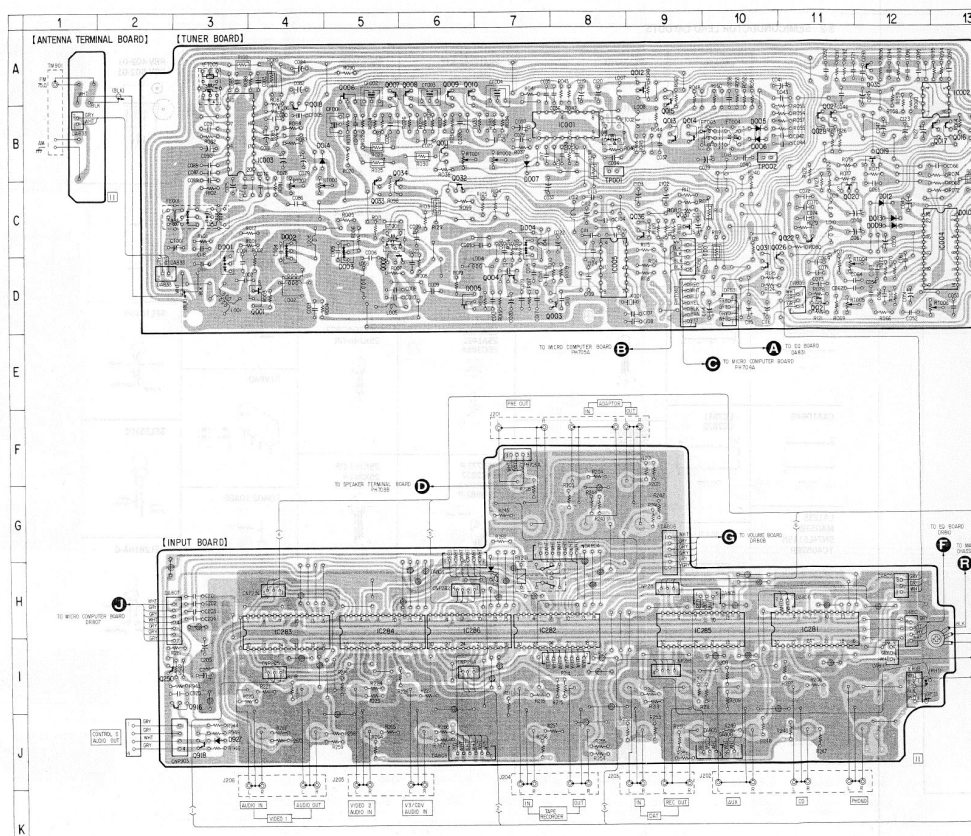
Ref. No.	Location	Ref. No.	Location
Q001	C-3	Q013	B-9
Q002	C-4	Q014	B-9
Q003	D-5	Q015	B-9
Q004	C-7	Q016	B-13
Q005	B-10	Q017	B-12
Q006	B-10	Q018	A-4
Q007	B-7	Q019	B-12
Q009	C-12	Q020	C-11
Q010	C-13	Q021	D-11
Q012	C-12	Q022	C-10
Q013	C-12	Q026	C-10
Q014	B-4	Q027	B-11
Q250	H-6	Q028	B-11
Q927	J-3	Q031	C-10
		Q032	C-6
IC001	B-7	Q033	C-5
IC002	A-13	Q034	B-5
IC003	B-3	Q035	A-12
IC004	C-12	Q036	C-8
IC005	D-8	Q037	C-10
IC281	H-11	Q250	I-2
IC282	H-7	Q701	D-17
IC283	H-4	Q702	E-17
IC284	H-5	Q703	E-17
IC285	H-9	Q704	E-17
IC286	H-6	Q705	E-17
IC701	D-15	Q706	D-17
IC702	F-15	Q731	F-16
IC703	E-18	Q732	E-16
		Q733	F-16
Q001	D-3	Q734	F-16
Q002	D-5	Q735	E-16
Q003	D-7	Q736	F-17
Q004	D-7	Q761	D-16
Q005	D-6	Q762	E-16
Q006	A-5	Q763	E-16
Q007	A-5	Q764	D-16
Q008	A-5	Q765	E-16
Q009	A-6	Q766	F-17
Q010	A-6	Q916	I-2
Q011	B-6	Q918	J-3
Q012	A-8		

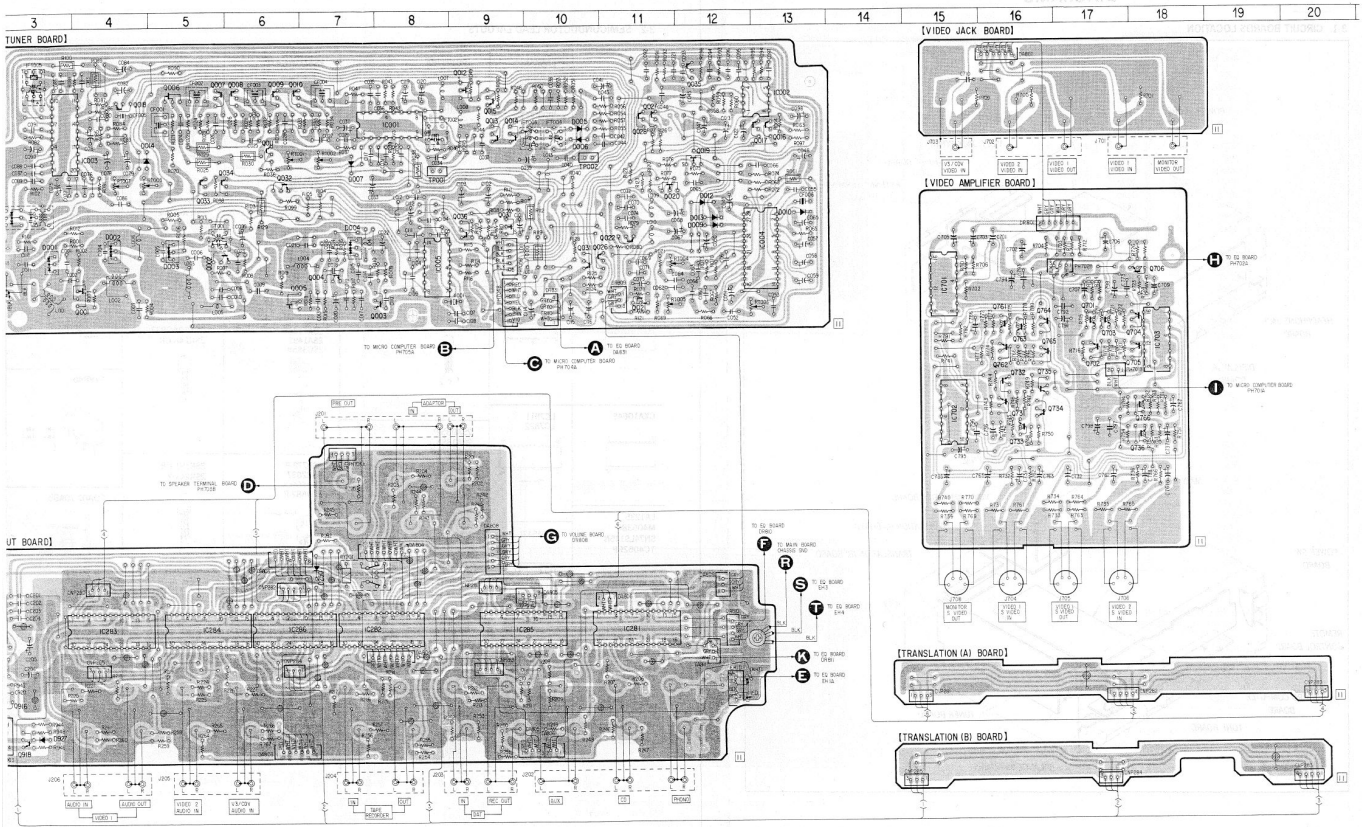
Note on Mounting Diagram:

- Color code or sleeving over the end of the jacket.



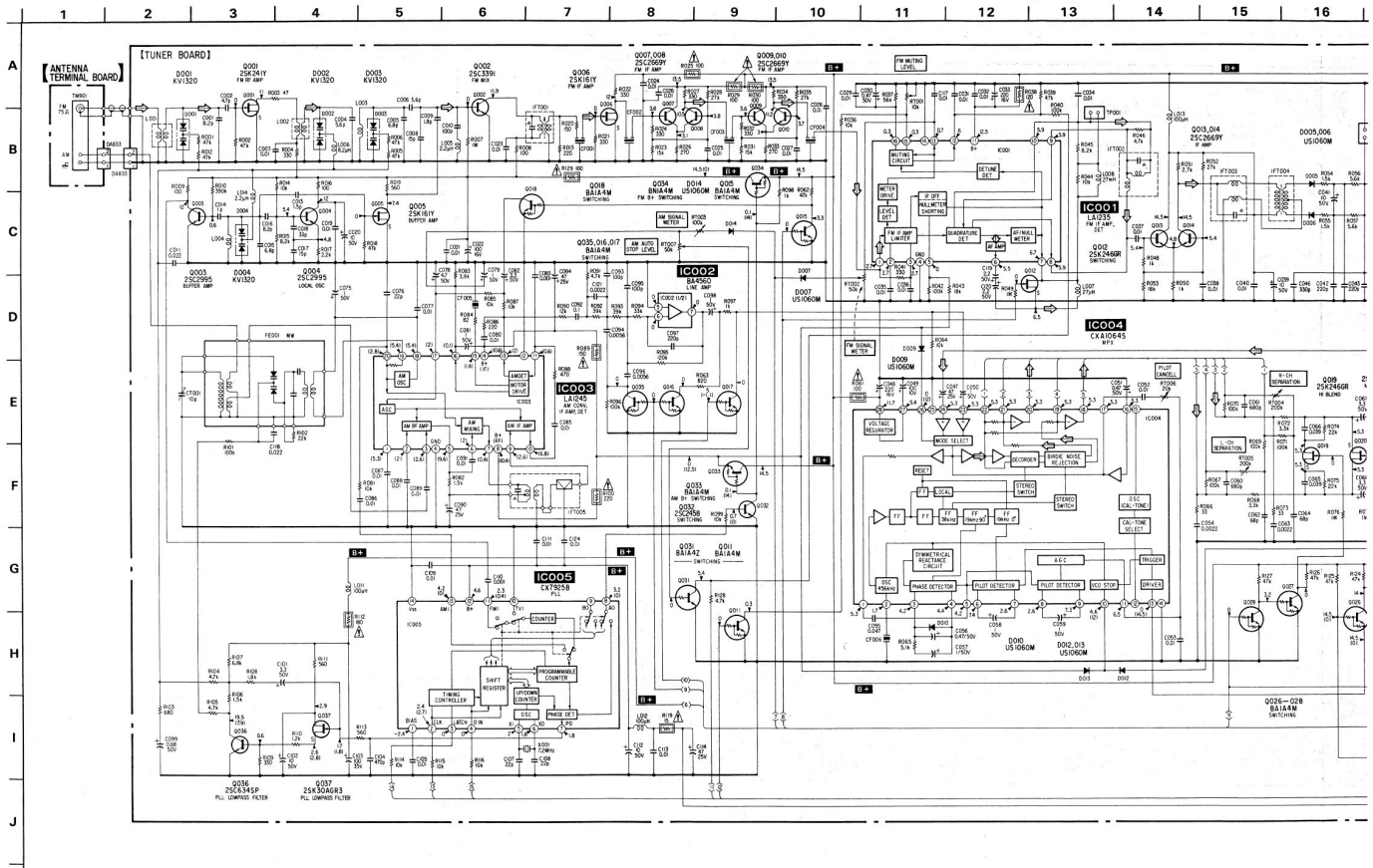
- — : parts extracted from the component side.
- : Pattern on the side which is seen.
- : Pattern of the rear side.

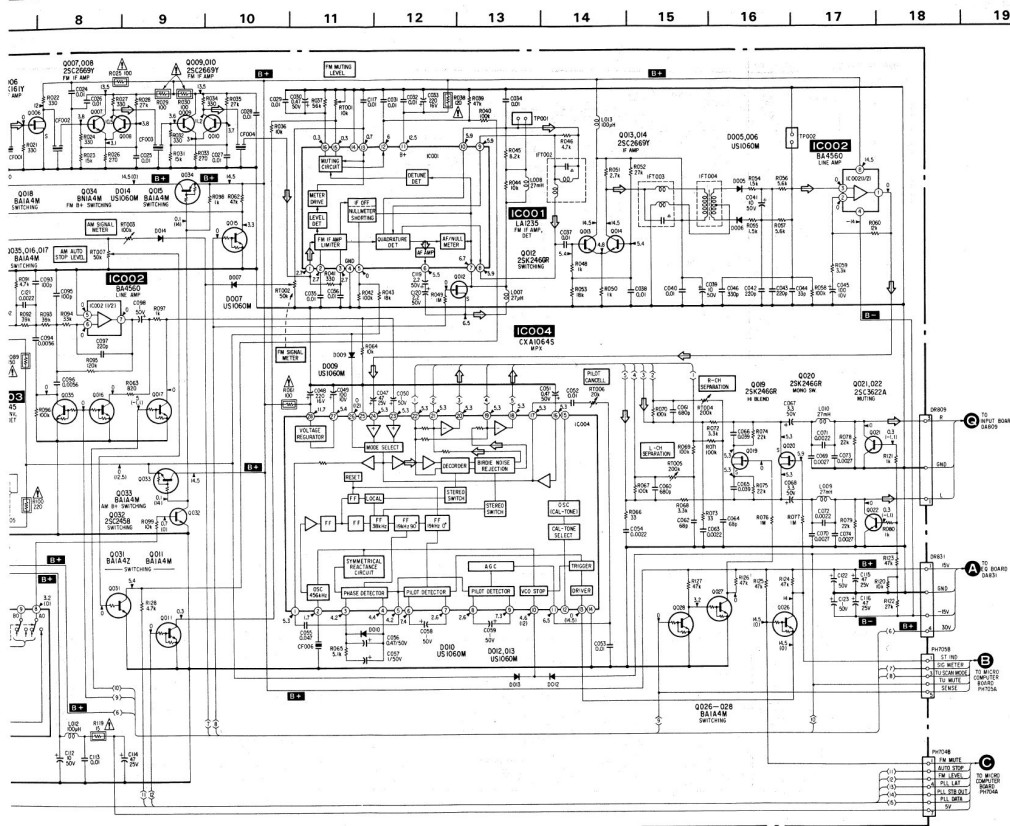




STR-GX9ES/GX10ES STR-GX9ES/GX10ES

3-4. SCHEMATIC DIAGRAM —TUNER SECTION—





Note on Schematic Diagram:

- All capacitors are in μF unless otherwise noted. pF: μF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $\frac{1}{2}\text{W}$ or less unless otherwise specified.
- Δ : internal component.
- $\square$: nonflammable resistor.

Note:

The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- $\square$: adjustment for repair.
- Voltage and waveforms are dc with respect to ground under no signal (detuned) conditions.
no mark: FM
() : AM
- Voltages are taken with a VOM (50 k Ω /V).
Voltage variations may be noted due to normal production tolerances.
- Signal path.
 $\Rightarrow$: FM

3-5. PRINTED WIRING BOARD — TUNER/INPUT/V AMP SECTION —

- Refer to page 10 for Semiconductor Lead Layouts

Semiconductor Location

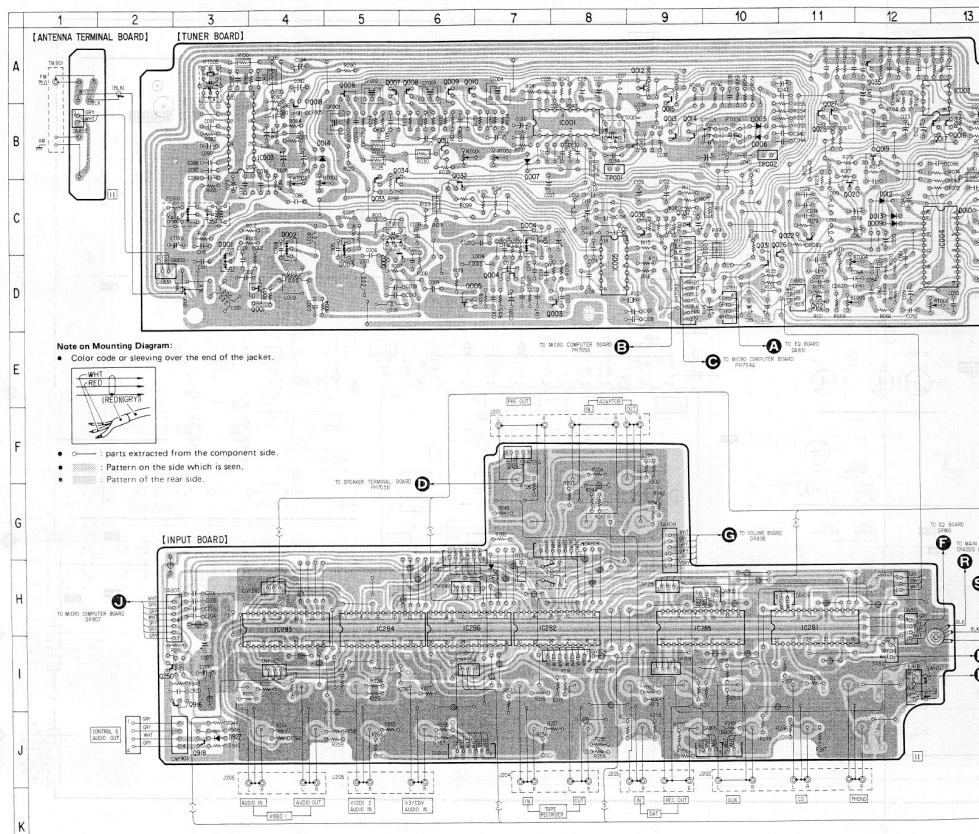
Ref. No.	Location	Ref. No.	Location
0001	C-3	Q013	B-9
0002	C-4	Q014	B-9
0003	D-5	Q015	B-9
0004	C-7	Q016	B-13
0005	B-10	Q017	B-12
0006	B-10	Q018	A-4
0007	B-7	Q019	B-12
0009	C-12	Q020	C-11
0010	C-13	Q021	D-11
0012	C-12	Q022	C-10
0013	C-12	Q026	C-10
0014	B-4	Q027	B-11
0250	H-6	Q028	B-11
0927	J-3	Q031	C-10
		Q032	C-6
IC001	B-7	Q033	C-6
IC002	A-13	Q034	B-5
IC003	B-3	Q035	A-12
IC004	C-12	Q036	C-8
IC005	D-8	Q037	C-10
IC281	H-11	Q250	J-2
IC282	H-7	Q701	D-17
IC283	H-4	Q702	E-17
IC284	H-5	Q703	E-17
IC285	H-9	Q704	E-17
IC286	H-6	Q705	E-17
IC701	D-15	Q706	D-17
IC702	F-15	Q731	F-16
IC703	E-18	Q732	E-16
		Q733	F-16
Q001	D-3	Q734	F-16
Q002	D-5	Q735	E-16
Q003	D-7	Q736	F-17
Q004	D-7	Q761	D-16
Q005	D-6	Q762	E-16
Q006	A-5	Q763	E-16
Q007	A-5	Q764	D-16
Q008	A-5	Q765	E-16
Q009	A-6	Q766	F-17
Q010	A-6	Q916	J-2
Q011	B-6	Q918	J-3
Q012	A-8		

Note on Schematic Diagram:

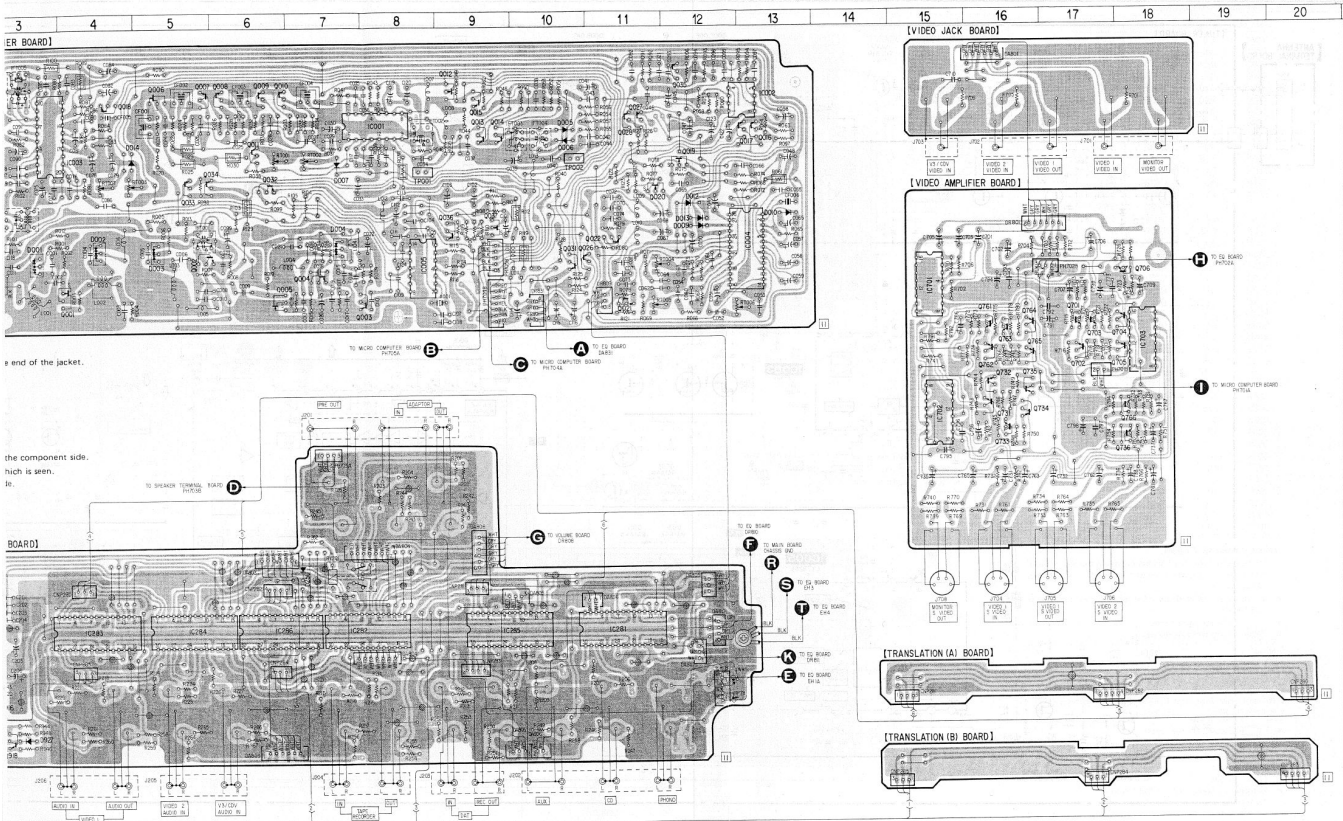
- All capacitors are in μF unless otherwise noted. pF : μpF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $\frac{1}{2}\text{W}$ or less unless otherwise specified.
- Δ : internal component.
- $\square$: nonflammable resistor.

Note: The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

- $\square$: adjustment for repair.
- Voltage and waveforms are dc with respect to ground under no-signal (detuned) conditions.
- no mark: FM
- (): AM
- Voltages are taken with a VOM (50 k Ω /V).
- Voltage variations may be noted due to normal production tolerances.
- Signal path.
- $\Rightarrow$: FM

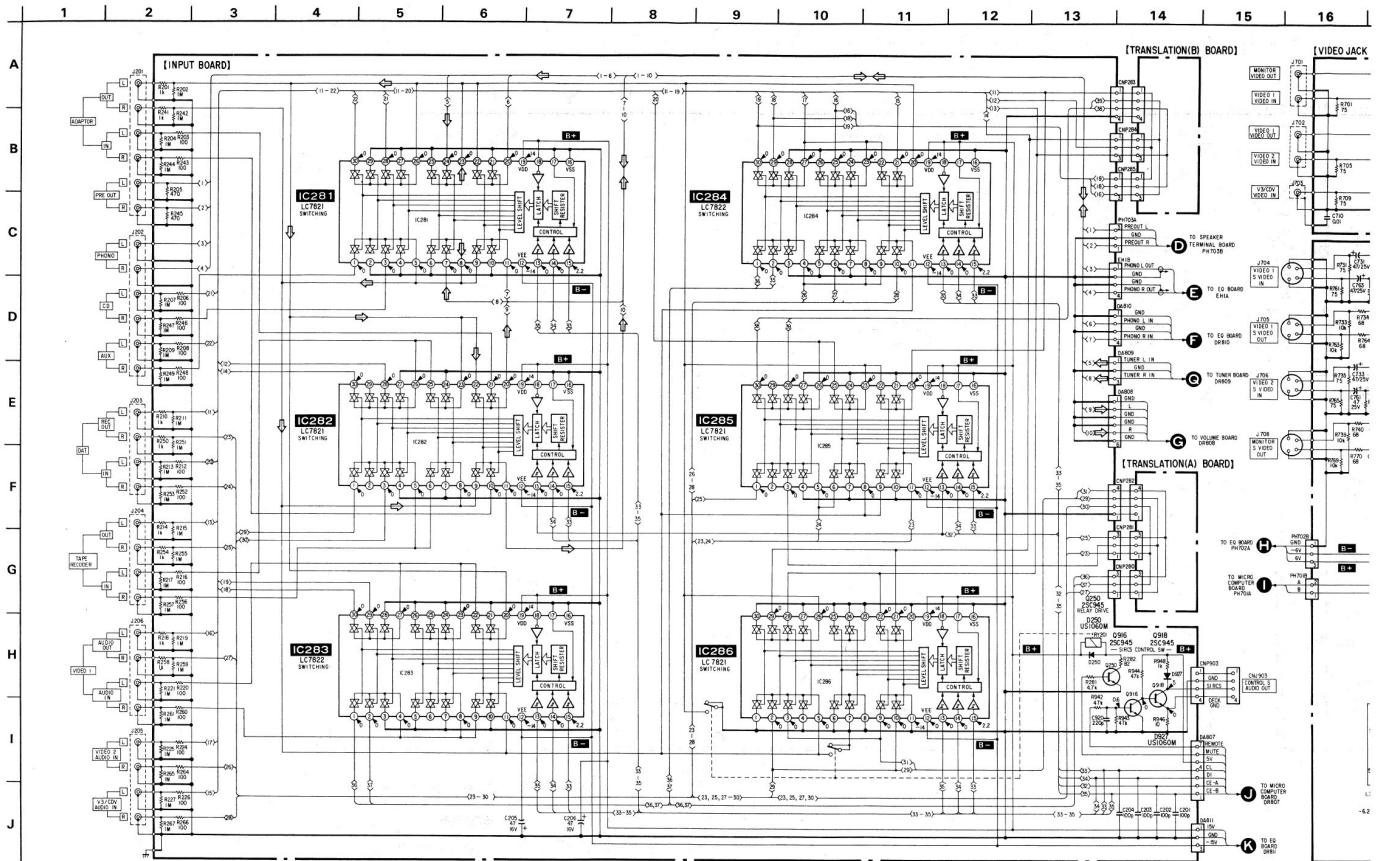


STR-GX9ES/GX10ES STR-GX9ES/GX10ES



3-6. SCHEMATIC DIAGRAM — INPUT/V AMP SECTION —

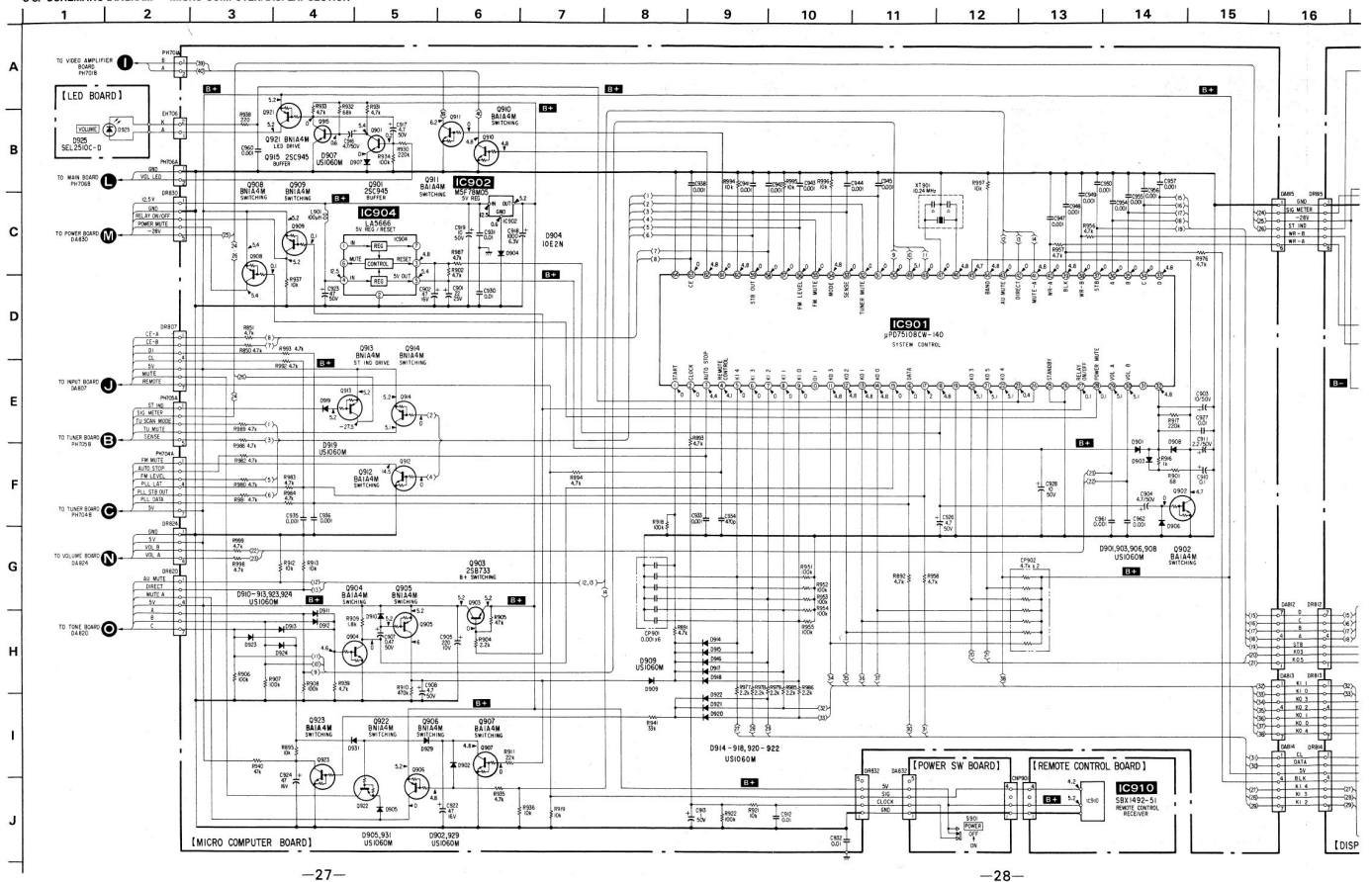
STR-GX9ES/GX10ES STR-GX9ES/GX10ES

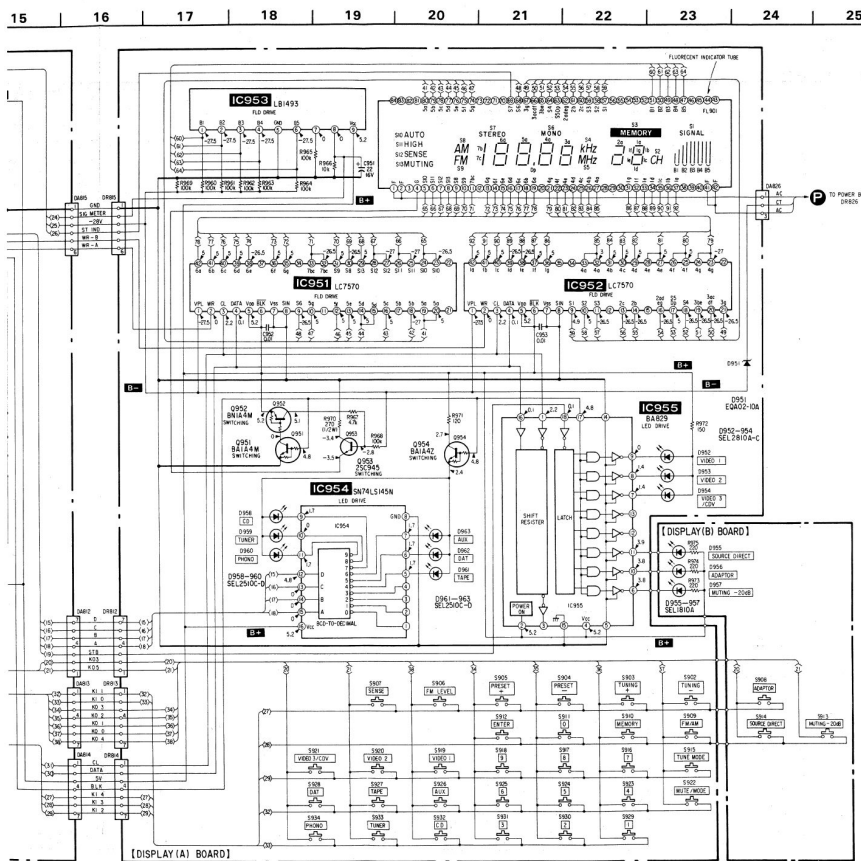




STR-GX9ES/GX10ES STR-GX9ES/GX10ES

3-8. SCHEMATIC DIAGRAM — MICRO COMPUTER/DISPLAY SECTION—





Note on Schematic Diagram:

- All capacitors are in μF unless otherwise noted, pF: μM 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $\frac{1}{4}\text{W}$ or less unless otherwise specified.
- Δ : internal component.
- Switch

Ref. No.	Switch	Position
S902	POWER	OFF
S903	TUNING	OFF
S904	PRESET	OFF
S905	PRESET	OFF
S906	FM LEVEL	OFF
S907	SENSE	OFF
S908	ADAPTOR	OFF
S909	FM/AM	OFF
S910	MEMORY	OFF
S911	0	OFF
S912	ENTER	OFF
S913	MUTING—20 dB	OFF
S914	TUNE MODE	OFF
S915	SOURCE DIRECT	OFF
S916	7	OFF
S917	8	OFF
S918	9	OFF
S919	VIDEO 1	OFF
S920	VIDEO 2	OFF
S921	VIDEO 3/CDV	OFF
S922	MUTE/MODE	OFF
S923	4	OFF
S924	5	OFF
S925	6	OFF
S926	AUX	OFF
S927	TAPE	OFF
S928	DAT	OFF
S929	1	OFF
S930	2	OFF
S931	3	OFF
S932	CD	OFF
S933	TUNER	OFF
S934	PHONO	OFF

- Voltage and waveforms are dc with respect to ground under no-signal (detuned) conditions.
- Voltages are taken with a VOM (50 k Ω /V). Voltage variations may be noted due to normal production tolerances.

STR-GX9ES/GX10ES STR-GX9ES/GX10ES

3-9. PRINTED WIRING BOARD —AUDIO/POWER SECTION—

- Refer to page 10 for Semiconductor Lead Layouts
- Semiconductor Location

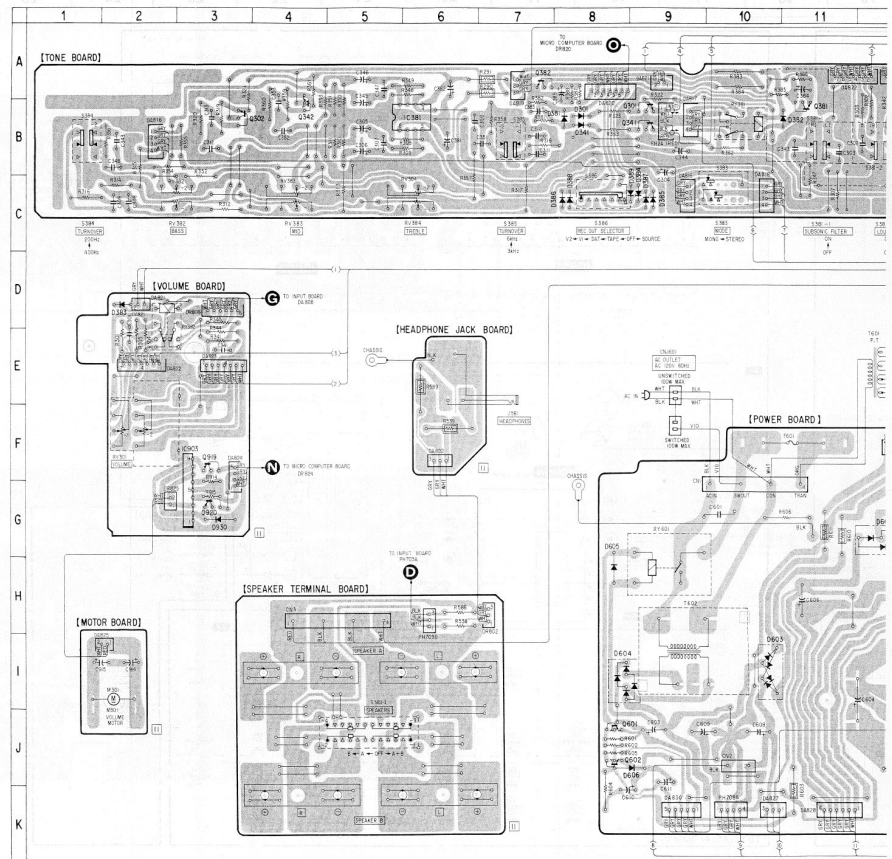
Ref. No.	Location	Ref. No.	Location
D301	B-8	Q342	B-4
D341	B-8	Q381	B-11
D381	B-8	Q382	A-7
D382	B-11	Q401	C-22
D383	D-2	Q402	B-22
D384	C-9	Q441	D-22
D385	C-9	Q442	D-22
D386	C-8	Q501	G-24
D387	C-9	Q502	G-24
D388	C-8	Q503	G-24
D389	C-9	Q504	G-25
D481	B-21	Q505	G-26
D482	D-20	Q506	H-24
D483	D-20	Q507	H-24
D501	G-25	Q508	H-25
D502	G-26	Q509	J-23
D503	H-25	Q510	J-25
D504	H-26	Q511	J-25
D505	H-25	Q512	J-26
D506	J-25	Q513	J-26
D507	H-25	Q514	J-21
D508	J-22	Q515	J-24
D509	J-22	Q516	J-22
D551	G-17	Q517	J-24
D552	G-16	Q518	J-23
D553	H-16	Q551	G-18
D554	H-16	Q552	G-17
D555	H-17	Q553	G-17
D556	H-17	Q554	G-17
D557	H-17	Q555	G-16
D558	H-19	Q556	H-18
D559	H-19	Q557	H-18
D601	H-13	Q558	H-17
D602	G-12	Q559	J-19
D603	H-10	Q560	J-17
D604	I-8	Q561	I-16
D605	H-8	Q562	J-16
D606	J-9	Q563	J-17
D651	C-20	Q564	J-20
D652	C-20	Q565	J-17
D653	C-19	Q566	J-20
D654	C-18	Q567	J-18
D655	C-16	Q568	J-19
D656	B-17	Q601	J-8
D801	H-19	Q602	J-8
D802	H-20	Q651	C-20
D930	G-3	Q652	C-19
		Q653	C-18
IC381	B-6	Q654	C-19
IC481	C-22	Q655	C-16
IC801	H-20	Q656	C-17
IC903	F-3	Q801	H-19
		Q802	I-19
Q301	B-9	Q919	F-3
Q302	B-3	Q920	G-3
Q341	B-9		

Note on Mounting Diagram:

- Color code or sleeving over the end of the jacket.

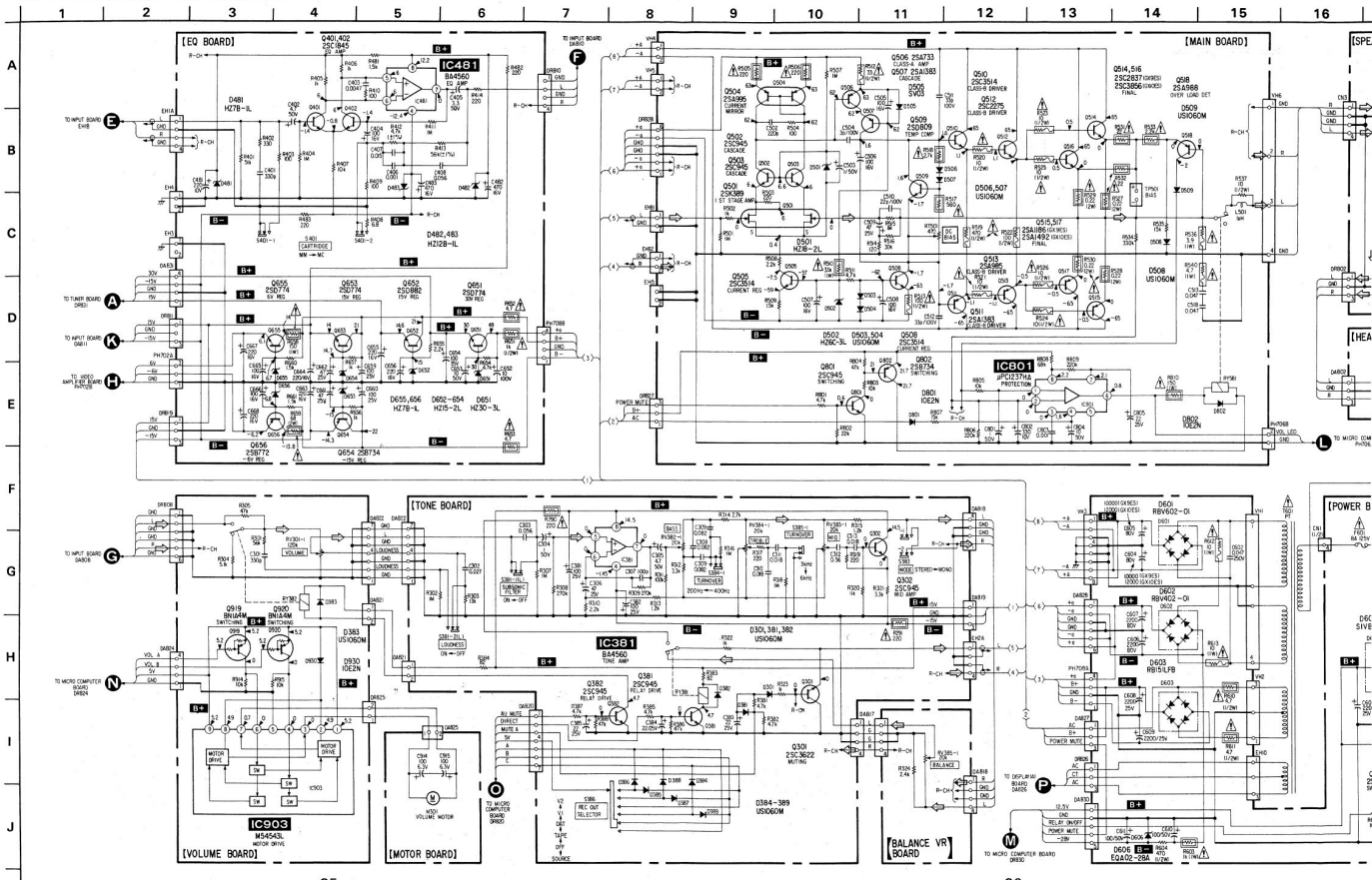


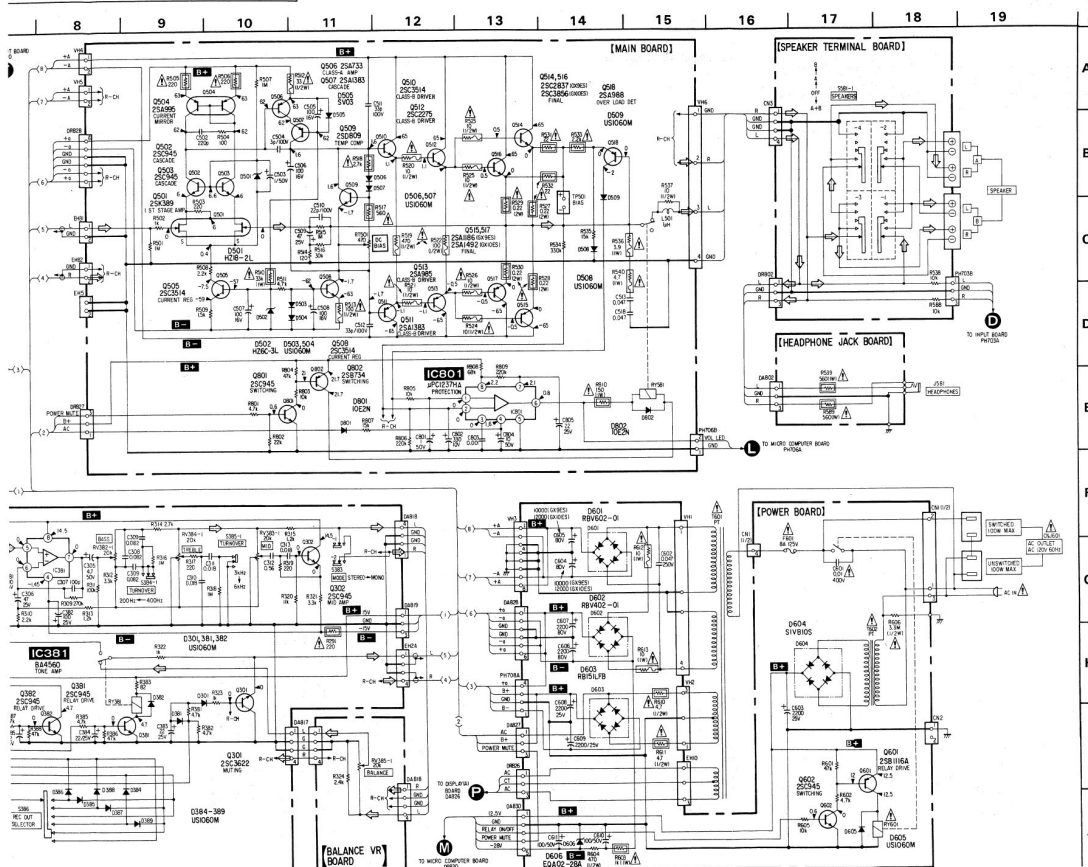
- —○— : parts extracted from the component side.



STR-GX9ES/GX10ES

3-10. SCHEMATIC DIAGRAM — AUDIO/POWER SECTION





Note:

- All capacitors are in μF unless otherwise noted; pF : μF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $\frac{1}{4}\text{W}$ or less unless otherwise specified.
- % indicates tolerance.
- Components for right channel have same values as for left channel. Reference numbers are coded from 850-890.
- $\frac{1}{2}$ non-flammable resistor.

Note:

The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

Note:

Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Note:

- Switch

Note:

adjustment for repair.

Voltage and waveforms are dc with respect to ground under no-signal (detuned) conditions.

Voltages are taken with a VOM 150 k Ω /V.

Voltage variations may be noted due to normal production tolerances.

Signal path.

FM

SECTION 4
EXPLODED VIEWS

NOTE:

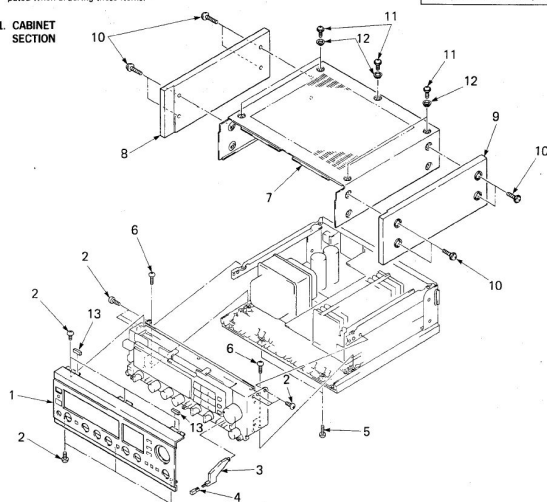
- The mechanical parts with no reference number in the exploded views are not supplied.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- Due to standardization, parts with part number suffix -XX and -X may be different from the parts specified in the components used on the set.
- Color Indication of Appearance Parts Example:
1 Cabinet's Color
Parts' Color

The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque  ou une ligne pointillée avec une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

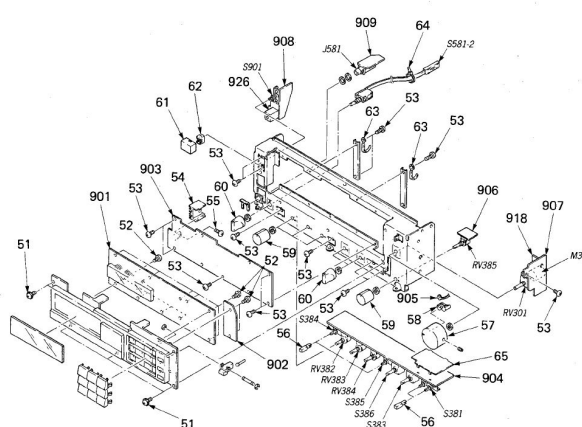
4-1. CABINET SECTION



Ref.No	Part No.	Description	Remarks
1	A-4323-004-A	(GXES : US) ... PANEL ASSY, FRONT	
1	A-4323-005-A	(GX10ES) ... PANEL ASSY, FRONT	
2	7-682-547-09	SCREW +BVTT 3X8 S TIGHT	
3	A-924-947-01	LEVER, PUSH SWITCH	
4	A-882-804-11	KNOB, SQUARE	
5	7-685-876-09	SCREW +BVTT 3X18 (S)	
6	7-685-647-79	SCREW +BVTT 3X10 TYPE2 SLIT	

Ref.No	Part No.	Description	Remarks
7	A-908-868-01	CASE	
8	X-4885-930-1	BOARD (L) ASSY, SIDE, ORNAMENTAL	
9	X-4885-931-1	BOARD (R) ASSY, SIDE, ORNAMENTAL	
10	A-885-979-11	SCREW (4X25)	
11	A-885-921-01	SCREW, S TIGHT, +PTTWH 3X8	
12	3-576-298-11	ESCUITCHEON	
13	A-908-872-01	CUSHION	

4-2. FRONT PANEL SECTION



Ref.No	Part No.	Description	Remarks
51	A-885-821-01	SCREW, S TIGHT, +PTTWH 3X8	
52	7-685-646-79	SCREW +BVTT 3X8 TYPE2 SLIT	
53	7-682-547-09	SCREW +BVTT 3X8 (S)	
54	A-303-145-11	HEAT SINK, V. OUT	
55	7-682-548-09	SCREW B 3X8	
56	A-855-804-11	KNOB, SQUARE	
57	X-4015-429-1	KNOB (DIA.45) ASSY	
58	A-901-919-00	HOUSE, LED LAMP	
59	A-918-746-01	KNOB (DIA.21)	
60	A-918-745-01	KNOB (DIA.21)	
61	A-908-856-01	KNOB, SQUARE	
62	A-864-307-08	RING	
63	A-908-882-01	CLAMP	
64	3-625-653-21	BAND (TAITON), BINDING	
65	A-924-962-01	PLATE, SHIELD	
901	1-626-750-11	PC BOARD, DISPLAY (A)	
902	1-626-751-11	PC BOARD, DISPLAY (B)	
903	A-4375-387-A	MOUNTED PCB, MICRO COMPUTER	
904	A-4410-779-A	MOUNTED PCB, TONE	
905	1-626-753-11	PC BOARD, LED	
906	1-626-753-11	PC BOARD, BALANCE VR	

Ref.No	Part No.	Description	Remarks
907	1-626-754-11	PC BOARD, VOLUME	
908	1-626-750-11	PC BOARD, POWER SW	
918	1-626-752-11	PC BOARD, MOTOR	
920	1-626-758-11	PC BOARD, REMOTE CONTROL	
J581	1-907-863-31	(GXES) ... JACK, LARGE TYPE (HEADPHONES)	
J581	1-907-863-41	(GX10ES) ... JACK, LARGE TYPE (HEADPHONES)	
RV301	1-638-143-11	RES. VAR. CARBON 20K/20K (WITH M301)	
		VOLUME	
RV382	1-638-140-11	RES. VAR. CARBON 20K/20K (BASS)	
RV383	1-638-141-11	RES. VAR. CARBON 20K/20K (MID)	
RV384	1-638-142-11	RES. VAR. CARBON 20K/20K (TREBLE)	
RV385	1-638-142-11	RES. VAR. CARBON 20K/20K (BALANCE)	
S381	1-571-499-11	SWITCH, PUSH (2 KEY) (SUBSONIC FILTER, LOUDNESS)	
S383	1-571-498-11	SWITCH, ROTARY (MODE)	
S384	1-571-500-11	SWITCH, PUSH (1 KEY) (TURNOVER 200/400Hz)	
S385	1-571-500-11	SWITCH, PUSH (1 KEY) (TURNOVER 3K/6KHz)	
S386	1-571-496-11	SWITCH, ROTARY (REC OUT SELECTOR)	
S401	1-570-629-11	SWITCH, PUSH (1 KEY) (CARTIDGE)	
S581-2	1-571-497-11	SWITCH, ROTARY (REMOTE SPEAKERS)	
S901	1-571-241-11	SWITCH, PUSH (1 KEY) (POWER)	

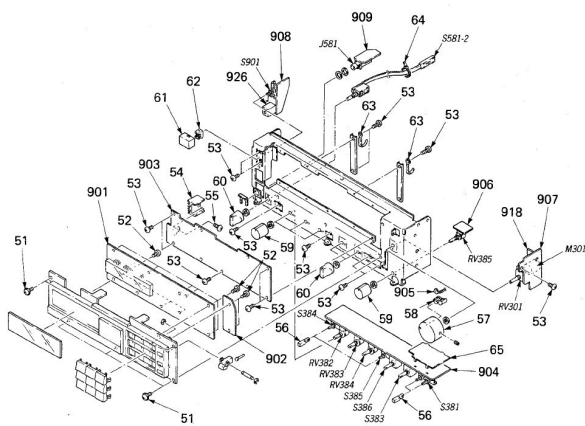
4-3. BACK

91C

S

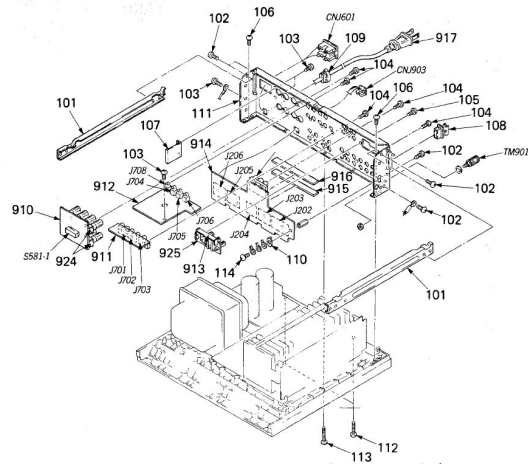
STR-GX9ES/GX10ES STR-GX9ES/GX10ES

4-2. FRONT PANEL SECTION



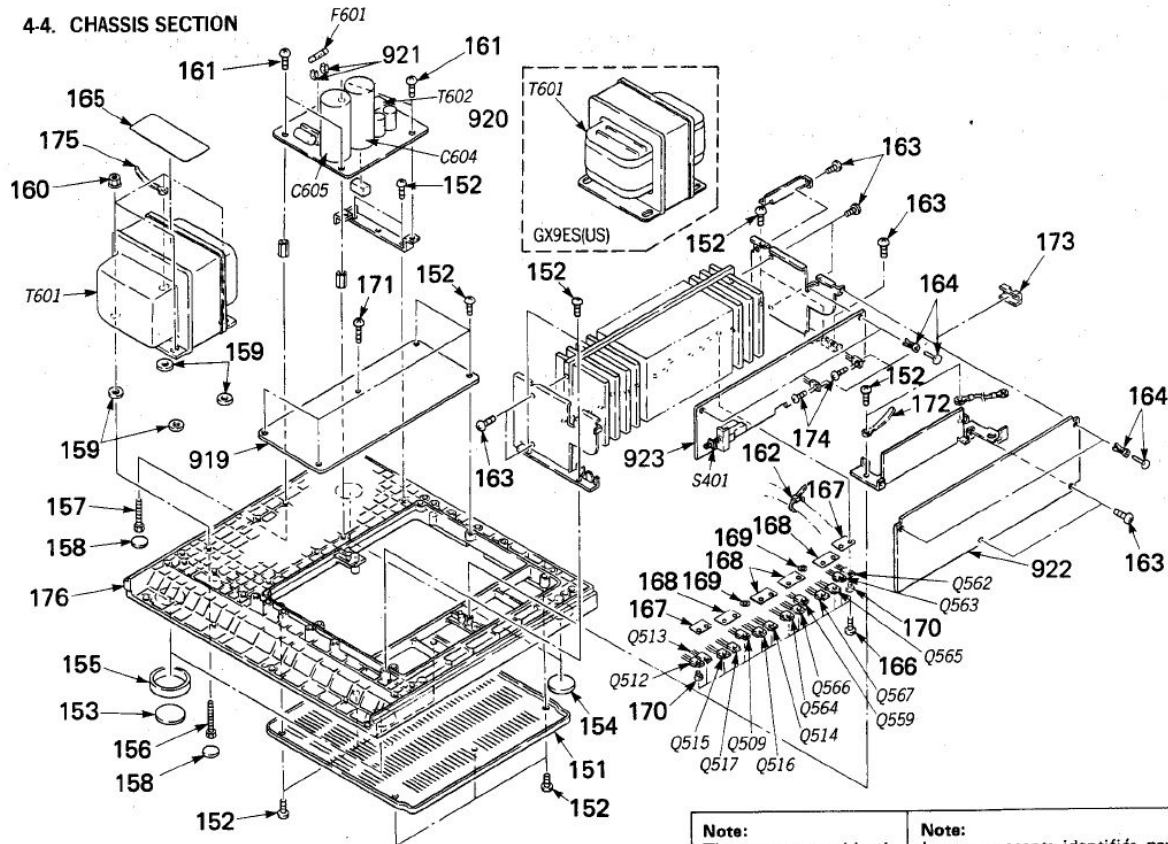
Ref.No	Part No.	Description	Remarks	Ref.No	Part No.	Description	Remarks
51	4-886-821-01	SCREW, S TIGHT, +PTTWH 3X5		907	1-626-754-11	PC BOARD, VOLUME	
52	7-685-546-79	SCREW +BVTP 3X8 TYPE2 SLIT		908	1-626-760-11	PC BOARD, POWER SW	
53	7-682-547-09	SCREW +BVTT 3X6 (S)		909	1-626-752-11	PC BOARD, MOTOR	
54	4-363-146-11	HEAT SINK, V. OUT		910	1-626-758-11	PC BOARD, REMOTE CONTROL	
55	7-682-548-09	SCREW B 3X8		911	1-626-758-11	PC BOARD, REMOTE CONTROL	
56	4-859-804-11	KNOB, SQUARE		912	1-626-758-11	PC BOARD, REMOTE CONTROL	
57	4-901-439-11	KNOB (DIA.45) ASSY		913	1-626-758-11	PC BOARD, REMOTE CONTROL	
58	4-916-746-01	HOUSE, LED LAMP		914	1-626-758-11	PC BOARD, REMOTE CONTROL	
59	4-916-746-01	KNOB (DIA.21)		915	1-626-758-11	PC BOARD, REMOTE CONTROL	
60	4-908-856-01	KNOB, SQUARE		916	1-626-758-11	PC BOARD, REMOTE CONTROL	
61	4-908-856-01	KNOB, SQUARE		917	1-626-758-11	PC BOARD, REMOTE CONTROL	
62	4-864-307-00	RING		918	1-626-758-11	PC BOARD, REMOTE CONTROL	
63	4-908-882-01	CLAMP		919	1-626-758-11	PC BOARD, REMOTE CONTROL	
64	1-655-653-21	BAND (TAITON), BINDING		920	1-626-758-11	PC BOARD, REMOTE CONTROL	
65	4-924-962-01	PLATE, SHIELD		921	1-626-758-11	PC BOARD, REMOTE CONTROL	
901	1-626-750-11	PC BOARD, DISPLAY (A)		922	1-626-758-11	PC BOARD, REMOTE CONTROL	
902	1-626-751-11	PC BOARD, DISPLAY (B)		923	1-626-758-11	PC BOARD, REMOTE CONTROL	
903	4-475-387-A	MOUNTED PCB, MICRO COMPUTER		924	1-626-758-11	PC BOARD, REMOTE CONTROL	
904	4-440-772-A	MOUNTED PCB, TONE		925	1-626-758-11	PC BOARD, REMOTE CONTROL	
905	1-626-759-11	PC BOARD, LED		926	1-626-758-11	PC BOARD, REMOTE CONTROL	
906	1-626-753-11	PC BOARD, BALANCE VR		927	1-626-758-11	PC BOARD, REMOTE CONTROL	

4-3. BACK PANEL SECTION



Ref.No	Part No.	Description	Remarks	Ref.No	Part No.	Description	Remarks
910	4-908-851-31	(GXIES - US) ... BRACKET, EQ		917	1-559-479-11	CORD, POWER	
911	4-908-851-41	(GXIES) ... BRACKET, EQ		918	1-536-767-31	TERMINAL BOARD, SPEAKER	
912	7-682-547-09	SCREW +BVTT 3X6 (S)		919	1-535-891-11	TERMINAL BOARD, SPEAKER	
913	7-682-547-09	SCREW +BVTT 3X6 (S)		920	1-535-891-11	TERMINAL BOARD, SPEAKER	
914	7-682-547-09	SCREW +BVTT 3X6 (S)		921	1-535-891-11	TERMINAL BOARD, SPEAKER	
915	7-682-547-09	SCREW +BVTT 3X6 (S)		922	1-535-891-11	TERMINAL BOARD, SPEAKER	
916	7-682-547-09	SCREW +BVTT 3X6 (S)		923	1-535-891-11	TERMINAL BOARD, SPEAKER	
917	7-682-547-09	SCREW +BVTT 3X6 (S)		924	1-535-891-11	TERMINAL BOARD, SPEAKER	
918	7-682-547-09	SCREW +BVTT 3X6 (S)		925	1-535-891-11	TERMINAL BOARD, SPEAKER	
919	7-682-547-09	SCREW +BVTT 3X6 (S)		926	1-535-891-11	TERMINAL BOARD, SPEAKER	
920	7-682-547-09	SCREW +BVTT 3X6 (S)		927	1-535-891-11	TERMINAL BOARD, SPEAKER	
921	7-682-547-09	SCREW +BVTT 3X6 (S)					
922	7-682-547-09	SCREW +BVTT 3X6 (S)					
923	7-682-547-09	SCREW +BVTT 3X6 (S)					
924	7-682-547-09	SCREW +BVTT 3X6 (S)					
925	7-682-547-09	SCREW +BVTT 3X6 (S)					
926	7-682-547-09	SCREW +BVTT 3X6 (S)					
927	7-682-547-09	SCREW +BVTT 3X6 (S)					

4.4. CHASSIS SECTION



Note:
The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

Note:
Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No	Part No.	Description	Remarks
151	*4-921-428-01	PLATE, BOTTOM	
152	7-685-647-79	SCREW +BVTP 3X10 TYPE2 SLIT	
153	4-924-963-01	FOOT	
154	4-924-963-11	FOOT	
155	4-916-703-01	(GX10ES)....RING, FOOT ORNAMENTAL	
156	7-683-333-07	BOLT, HEXAGON 4X40	
157	7-683-329-07	BOLT, HEXAGON 4X30	
158	*4-908-892-01	SPACER	
159	*4-916-751-01	WASHER	
160	4-908-881-01	NUT (M4), FLANGE	
161	4-886-821-01	SCREW, S TIGHT, +PTTWH 3X6	
162	3-655-653-21	BAND (TAITON), BINDING	
163	7-682-547-09	SCREW +BVTT 3X6 (S)	
164	4-812-134-00	RIVET NYLON, 3.5	
165	*4-908-885-01	(GX10ES)....LABEL, TRANSFORMER	
166	7-682-549-09	SCREW +B 3X10	
167	*4-924-957-01	SHEET, INSULATING	
168	*4-924-958-01	SHEET, INSULATING	
169	3-572-365-01	SHEET (A), INSULATING	
170	2-371-561-00	BUSHING (P), INSULATING	
171	7-685-648-79	SCREW +BVTP 3X12 TYPE2 SLIT	
172	*4-908-882-01	CLAMP	
173	*4-861-002-00	HEAT SINK	
174	7-682-548-09	SCREW B 3X8	
175	*4-908-882-11	CLAMP	
176	4-908-876-01	CHASSIS, MAIN	
919	*A-4356-204-A	MOUNTED PCB, MAIN	
920	*1-626-762-11	PC BOARD, POWER	
921	*1-533-185-11	HOLDER, FUSE	
922	*A-4351-666-A	MOUNTED PCB, TUNER	
923	*A-4358-205-A	MOUNTED PCB, EQ	

Ref. No	Part No.	Description	Remarks
C604	1-125-524-11	(GX10ES)....CAP, ELECT 12000MF 80V	
C604	1-125-525-11	(GX9ES : US)....CAP, ELECT 10000MF 80V	
C605	1-125-524-11	(GX10ES)....CAP, ELECT 12000MF 80V	
C605	1-125-525-11	(GX9ES : US)....CAP, ELECT 10000MF 80V	
F601	Δ 1-532-510-00	FUSE, GLASS TUBE 8A 125V	
Q509	8-729-180-92	TRANSISTOR 2SD809-K	
Q512	8-729-127-53	TRANSISTOR 2SC2275-P	
Q513	8-729-118-53	TRANSISTOR 2SA985-P	
Q514	8-729-303-88	(GX10ES)....TRANSISTOR 2SC3856	
Q514	8-729-383-73	(GX9ES : US)....TRANSISTOR 2SC2837	
Q515	8-729-303-85	(GX10ES)....TRANSISTOR 2SA1492	
Q515	8-729-318-63	(GX9ES : US)....TRANSISTOR 2SA1186	
Q516	8-729-303-88	(GX10ES)....TRANSISTOR 2SC3856	
Q516	8-729-383-73	(GX9ES : US)....TRANSISTOR 2SC2837	
Q517	8-729-303-85	(GX10ES)....TRANSISTOR 2SA1492	
Q517	8-729-318-63	(GX9ES : US)....TRANSISTOR 2SA1186	
Q559	8-729-180-92	TRANSISTOR 2SD809-K	
Q562	8-729-127-53	TRANSISTOR 2SC2275-P	
Q563	8-729-118-53	TRANSISTOR 2SA985-P	
Q564	8-729-303-88	(GX10ES)....TRANSISTOR 2SC3856	
Q564	8-729-383-73	(GX9ES : US)....TRANSISTOR 2SC2837	
Q565	8-729-303-85	(GX10ES)....TRANSISTOR 2SA1492	
Q565	8-729-318-63	(GX9ES : US)....TRANSISTOR 2SA1186	
Q566	8-729-303-88	(GX10ES)....TRANSISTOR 2SC3856	
Q566	8-729-383-73	(GX9ES : US)....TRANSISTOR 2SC2837	
Q567	8-729-303-85	(GX10ES)....TRANSISTOR 2SA1492	
Q567	8-729-318-63	(GX9ES : US)....TRANSISTOR 2SA1186	
T601	Δ 1-449-243-11	(GX10ES)....TRANSFORMER, POWER	
T601	Δ 1-449-245-11	(GX9ES : US)....TRANSFORMER, POWER	
T602	Δ 1-449-244-11	TRANSFORMER, POWER	

SECTION 5 ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- If there are two or more same circuits in a set such as a stereophonic machine, only typical circuit parts may be indicated and capacitors and resistors in other same circuits may be omitted.

CAPACITORS:MF: μ F, PF: μ F.**RESISTORS**

- All resistors are in ohms.
- F: nonflammable

COILS

- MMH: mH, UH: μ H

SEMICONDUCTORSIn each case, U: μ , for example:UA....: μ A...., UPA....: μ PA....,
UPC....: μ PC, UPD....: μ PD....

The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref.No	Part No.	Description
901	*1-626-750-11	PC BOARD, DISPLAY (A)
902	*1-626-751-11	PC BOARD, DISPLAY (B)
903	*A-4375-387-A	MOUNTED PCB, MICRO COMPUTER
904	*A-4410-772-A	MOUNTED PCB, TONE
905	*1-626-759-11	PC BOARD, LED
906	*1-626-753-11	PC BOARD, BALANCE VR
907	*1-626-754-11	PC BOARD, VOLUME
908	*1-626-760-11	PC BOARD, POWER SW
909	*1-626-765-11	PC BOARD, HEADPHONE JACK
910	*1-626-764-11	PC BOARD, SPEAKER TERMINAL
911	*1-626-767-11	PC BOARD, VIDEO JACK
912	*1-626-763-11	PC BOARD, VIDEO AMPLIFIER
913	*1-626-761-11	PC BOARD, ANTENNA TERMINAL
914	*1-626-766-11	PC BOARD, INPUT
915	*1-626-770-11	PC BOARD, TRANSLATION (B)
916	*1-626-769-11	PC BOARD, TRANSLATION (A)
917	Δ 1-559-479-11	CORD, POWER
918	*1-626-752-11	PC BOARD, MOTOR
919	*A-4358-204-A	MOUNTED PCB, MAIN
920	*1-626-762-11	PC BOARD, POWER
921	1-533-185-11	HOLDER, FUSE
922	*A-4351-666-A	MOUNTED PCB, TUNER
923	*A-4358-205-A	MOUNTED PCB, EQ
924	1-536-767-31	TERMINAL BOARD, SPEAKER
925	1-535-691-11	TERMINAL
926	*1-626-758-11	PC BOARD, REMOTE CONTROL

CAPACITOR

C001	1-162-198-31	CERAMIC	8.2PF	10%	50V
C002	1-162-195-31	CERAMIC	4.7PF	10%	50V
C003	1-161-379-00	CERAMIC	0.01MF	20%	16V
C004	1-162-196-31	CERAMIC	5.6PF	10%	50V
C005	1-162-197-31	CERAMIC	6.8PF	10%	50V
C006	1-162-196-31	CERAMIC	5.6PF	10%	50V
C008	1-162-203-31	CERAMIC	15PF	5%	50V
C009	1-162-190-31	CERAMIC	1.8PF	20%	50V
C010	1-162-282-31	CERAMIC	100PF	10%	50V
C011	1-101-005-00	CERAMIC	0.022MF		50V
C013	1-162-189-31	CERAMIC	1.5PF	20%	50V
C014	1-162-187-31	CERAMIC	1PF	20%	50V
C015	1-162-197-31	CERAMIC	6.8PF	10%	50V
C016	1-162-198-31	CERAMIC	8.2PF	10%	50V
C017	1-162-203-31	CERAMIC	15PF	5%	50V
C018	1-162-211-31	CERAMIC	33PF	5%	50V
C019	1-161-379-00	CERAMIC	0.01MF	20%	16V
C020	1-123-875-11	ELECT	10MF	20%	50V
C021	1-161-379-00	CERAMIC	0.01MF	20%	16V
C022	1-126-101-11	ELECT	100MF	20%	16V
C023	1-161-379-00	CERAMIC	0.01MF	20%	16V
C024	1-161-379-00	CERAMIC	0.01MF	20%	16V
C025	1-161-379-00	CERAMIC	0.01MF	20%	16V
C026	1-161-379-00	CERAMIC	0.01MF	20%	16V

C027	1-161-379-00	CERAMIC	0.01MF	20%	16V
C028	1-161-379-00	CERAMIC	0.01MF	20%	16V
C029	1-161-379-00	CERAMIC	0.01MF	20%	16V
C030	1-124-902-00	ELECT	0.47MF	20%	50V
C031	1-161-379-00	CERAMIC	0.01MF	20%	16V
C032	1-161-379-00	CERAMIC	0.01MF	20%	16V
C033	1-124-120-11	ELECT	220MF	20%	16V
C034	1-161-379-00	CERAMIC	0.01MF	20%	16V
C035	1-161-379-00	CERAMIC	0.01MF	20%	16V
C036	1-161-379-00	CERAMIC	0.01MF	20%	16V
C037	1-161-379-00	CERAMIC	0.01MF	20%	16V
C038	1-161-379-00	CERAMIC	0.01MF	20%	16V
C039	1-123-875-11	ELECT	10MF	20%	50V
C040	1-161-379-00	CERAMIC	0.01MF	20%	16V
C041	1-123-875-11	ELECT	10MF	20%	50V
C042	1-162-286-31	CERAMIC	220PF	10%	50V
C043	1-162-286-31	CERAMIC	220PF	10%	50V
C044	1-162-211-31	CERAMIC	33PF	5%	50V
C045	1-124-443-00	ELECT	100MF	20%	10V
C046	1-110-341-91	MYLAR	330PF	5%	50V
C047	1-124-477-11	ELECT	47MF	20%	25V
C048	1-124-120-11	ELECT	220MF	20%	16V
C049	1-124-443-00	ELECT	100MF	20%	10V
C050	1-124-499-11	ELECT	1MF	20%	50V
C051	1-124-902-00	ELECT	0.47MF	20%	50V
C052	1-136-153-00	FILM	0.01MF	5%	50V
C053	1-136-153-00	FILM	0.01MF	5%	50V
C054	1-130-475-00	MYLAR	0.0022MF	5%	50V
C055	1-136-161-00	FILM	0.047MF	5%	50V
C056	1-124-902-00	ELECT	0.47MF	20%	50V
C057	1-124-499-11	ELECT	1MF	20%	50V
C058	1-124-499-11	ELECT	1MF	20%	50V
C059	1-124-499-11	ELECT	1MF	20%	50V
C060	1-130-469-00	MYLAR	680PF	5%	50V
C061	1-130-469-00	MYLAR	680PF	5%	50V
C062	1-162-219-31	CERAMIC	68PF	5%	50V
C063	1-130-475-00	MYLAR	0.0022MF	5%	50V
C064	1-162-219-31	CERAMIC	68PF	5%	50V
C065	1-136-160-00	FILM	0.039MF	5%	50V
C066	1-136-160-00	FILM	0.039MF	5%	50V
C067	1-123-382-00	ELECT	3.3MF	20%	50V
C068	1-123-382-00	ELECT	3.3MF	20%	50V
C069	1-130-476-00	MYLAR	0.0027MF	5%	50V
C070	1-130-476-00	MYLAR	0.0027MF	5%	50V
C071	1-130-475-00	MYLAR	0.0022MF	5%	50V
C072	1-130-475-00	MYLAR	0.0022MF	5%	50V
C073	1-130-476-00	MYLAR	0.0027MF	5%	50V
C074	1-130-476-00	MYLAR	0.0027MF	5%	50V
C075	1-124-499-11	ELECT	1MF	20%	50V
C076	1-162-207-31	CERAMIC	22PF	5%	50V
C077	1-161-379-00	CERAMIC	0.01MF	20%	16V
C078	1-124-927-11	ELECT	4.7MF	20%	50V

STR-GX9ES/GX10ES

Ref.No	Part No.	Description			
C079	1-124-499-11	ELECT	1MF	20%	50V
C080	1-161-379-00	CERAMIC	0.01MF	20%	16V
C081	1-124-499-11	ELECT	1MF	20%	50V
C082	1-123-382-00	ELECT	3.3MF	20%	50V
C083	1-162-294-31	CERAMIC	0.001MF	10%	50V
C084	1-124-477-11	ELECT	47MF	20%	25V
C085	1-161-379-00	CERAMIC	0.01MF	20%	16V
C086	1-161-379-00	CERAMIC	0.01MF	20%	16V
C087	1-161-379-00	CERAMIC	0.01MF	20%	16V
C088	1-161-379-00	CERAMIC	0.01MF	20%	16V
C089	1-161-379-00	CERAMIC	0.01MF	20%	16V
C090	1-124-477-11	ELECT	47MF	20%	25V
C091	1-161-379-00	CERAMIC	0.01MF	20%	16V
C092	1-136-165-00	FILM	0.1MF	5%	50V
C093	1-162-282-31	CERAMIC	100PF	10%	50V
C094	1-130-480-00	MYLAR	0.0056MF	5%	50V
C095	1-162-282-31	CERAMIC	100PF	10%	50V
C096	1-130-480-00	MYLAR	0.0056MF	5%	50V
C097	1-162-286-31	CERAMIC	220PF	10%	50V
C098	1-124-499-11	ELECT	1MF	20%	50V
C099	1-124-254-00	ELECT	0.68MF	20%	50V
C101	1-123-382-00	ELECT	3.3MF	20%	50V
C102	1-123-875-11	ELECT	10MF	20%	50V
C103	1-124-122-11	ELECT	100MF	20%	35V
C104	1-162-290-31	CERAMIC	470PF	10%	50V
C105	1-161-379-00	CERAMIC	0.01MF	20%	16V
C107	1-102-959-00	CERAMIC	22PF	5%	50V
C108	1-102-959-00	CERAMIC	22PF	5%	50V
C109	1-161-379-00	CERAMIC	0.01MF	20%	16V
C110	1-162-294-31	CERAMIC	0.001MF	10%	50V
C111	1-161-379-00	CERAMIC	0.01MF	20%	16V
C112	1-123-875-11	ELECT	10MF	20%	50V
C113	1-161-379-00	CERAMIC	0.01MF	20%	16V
C114	1-124-477-11	ELECT	47MF	20%	25V
C115	1-124-477-11	ELECT	47MF	20%	25V
C116	1-124-477-11	ELECT	47MF	20%	25V
C117	1-161-379-00	CERAMIC	0.01MF	20%	16V
C118	1-101-005-00	CERAMIC	0.022MF	5%	50V
C119	1-124-925-11	ELECT	2.2MF	20%	50V
C120	1-124-925-11	ELECT	2.2MF	20%	50V
C121	1-130-475-00	MYLAR	0.0022MF	5%	50V
C122	1-124-499-11	ELECT	1MF	20%	50V
C123	1-124-499-11	ELECT	1MF	20%	50V
C124	1-161-379-00	CERAMIC	0.01MF	20%	16V
C201	1-162-282-31	CERAMIC	100PF	10%	50V
C202	1-162-282-31	CERAMIC	100PF	10%	50V
C203	1-162-282-31	CERAMIC	100PF	10%	50V
C204	1-162-282-31	CERAMIC	100PF	10%	50V
C205	1-124-589-11	ELECT	47MF	20%	16V
C206	1-124-589-11	ELECT	47MF	20%	16V
C301	1-110-341-91	MYLAR	330PF	5%	50V
C302	1-136-158-00	FILM	0.027MF	5%	50V
C303	1-136-162-00	FILM	0.056MF	5%	50V
C304	1-124-499-11	ELECT	1MF	20%	50V
C305	1-124-927-11	ELECT	4.7MF	20%	50V
C306	1-124-477-11	ELECT	47MF	20%	25V
C307	1-110-335-11	MYLAR	100PF	5%	50V
C308	1-136-164-00	FILM	0.082MF	5%	50V
C309	1-136-164-00	FILM	0.082MF	5%	50V
C310	1-136-156-00	FILM	0.018MF	5%	50V
C311	1-136-156-00	FILM	0.018MF	5%	50V
C312	1-136-174-00	FILM	0.56MF	5%	50V
C313	1-136-156-00	FILM	0.018MF	5%	50V
C341	1-110-341-91	MYLAR	330PF	5%	50V
C342	1-136-158-00	FILM	0.027MF	5%	50V

Ref.No	Part No.	Description			
C343	1-136-162-00	FILM	0.056MF	5%	50V
C344	1-124-499-11	ELECT	1MF	20%	50V
C345	1-124-927-11	ELECT	4.7MF	20%	50V
C346	1-124-477-11	ELECT	47MF	20%	25V
C347	1-110-335-11	MYLAR	100PF	5%	50V
C348	1-136-164-00	FILM	0.082MF	5%	50V
C349	1-136-164-00	FILM	0.082MF	5%	50V
C350	1-136-156-00	FILM	0.018MF	5%	50V
C351	1-136-156-00	FILM	0.018MF	5%	50V
C352	1-136-174-00	FILM	0.56MF	5%	50V
C353	1-136-156-00	FILM	0.018MF	5%	50V
C381	1-124-478-11	ELECT	100MF	20%	25V
C382	1-124-478-11	ELECT	100MF	20%	25V
C383	1-124-908-11	ELECT	22MF	20%	25V
C384	1-124-908-11	ELECT	22MF	20%	25V
C385	1-124-908-11	ELECT	22MF	20%	25V
C401	1-110-341-91	MYLAR	330PF	5%	50V
C402	1-124-927-11	ELECT	4.7MF	20%	50V
C403	1-130-479-00	MYLAR	0.0047MF	5%	50V
C404	1-126-101-11	ELECT	100MF	20%	16V
C405	1-123-382-00	ELECT	3.3MF	20%	50V
C406	1-130-471-00	MYLAR	0.001MF	5%	50V
C407	1-136-155-00	FILM	0.015MF	5%	50V
C408	1-136-162-00	FILM	0.056MF	5%	50V
C441	1-110-341-91	MYLAR	330PF	5%	50V
C442	1-124-927-11	ELECT	4.7MF	20%	50V
C443	1-130-479-00	MYLAR	0.0047MF	5%	50V
C444	1-126-101-11	ELECT	100MF	20%	16V
C445	1-123-382-00	ELECT	3.3MF	20%	50V
C446	1-130-471-00	MYLAR	0.001MF	5%	50V
C447	1-136-155-00	FILM	0.015MF	5%	50V
C448	1-136-162-00	FILM	0.056MF	5%	50V
C481	1-126-176-11	ELECT	220MF	20%	10V
C482	1-126-103-11	ELECT	470MF	20%	16V
C483	1-126-103-11	ELECT	470MF	20%	16V
C502	1-110-339-91	MYLAR	220PF	5%	50V
C503	1-124-499-11	ELECT	1MF	20%	50V
C504	1-107-276-11	MICA	3PF	0.5PF	100V
C505	1-126-101-11	ELECT	100MF	20%	16V
C506	1-126-101-11	ELECT	100MF	20%	16V
C507	1-126-101-11	ELECT	100MF	20%	16V
C508	1-126-101-11	ELECT	100MF	20%	16V
C509	1-123-332-00	ELECT	47MF	20%	25V
C510	1-107-210-00	MICA	22PF	5%	100V
C511	1-107-159-00	MICA	33PF	5%	100V
C512	1-107-159-00	MICA	33PF	5%	100V
C513	1-136-161-00	FILM	0.047MF	5%	50V
C518	1-136-161-00	FILM	0.047MF	5%	50V
C552	1-110-339-91	MYLAR	220PF	5%	50V
C553	1-124-499-11	ELECT	1MF	20%	50V
C554	1-107-276-11	MICA	3PF	0.5PF	100V
C555	1-126-101-11	ELECT	100MF	20%	16V
C556	1-126-101-11	ELECT	100MF	20%	16V
C557	1-126-101-11	ELECT	100MF	20%	16V
C558	1-126-101-11	ELECT	100MF	20%	16V
C559	1-123-332-00	ELECT	47MF	20%	25V
C560	1-107-210-00	MICA	22PF	5%	100V
C561	1-107-159-00	MICA	33PF	5%	100V
C562	1-107-159-00	MICA	33PF	5%	100V
C563	1-136-161-00	FILM	0.047MF	5%	50V
C568	1-136-161-00	FILM	0.047MF	5%	50V
C601	1-161-744-00	CERAMIC	0.01MF	5%	400V
C602	1-136-187-11	FILM	0.047MF	5%	250V
C603	1-124-563-11	ELECT	2200MF	20%	25V
C604	1-125-524-11	(GX10ES)....ELECT	12000MF		80V

Note:
The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

Note:
Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

STR-GX9ES/GX10ES

Ref.No	Part No.	Description			
C604	1-125-525-11	(GX9ES : US)....ELECT	10000MF	80V	
C605	1-125-524-11	(GX10ES)....ELECT	12000MF	80V	
C605	1-125-525-11	(GX9ES : US)....ELECT	10000MF	80V	
C606	1-125-523-11	ELECT	2200MF	20%	80V
C607	1-125-523-11	ELECT	2200MF	20%	80V
C608	1-124-703-11	ELECT	2200MF	20%	25V
C609	1-124-703-11	ELECT	2200MF	20%	25V
C610	1-124-122-11	ELECT	100MF	20%	50V
C611	1-124-122-11	ELECT	100MF	20%	50V
C652	1-124-667-11	ELECT	10MF	20%	100V
C653	1-123-875-11	ELECT	10MF	20%	50V
C654	1-124-122-11	ELECT	100MF	20%	35V
C655	1-124-120-11	ELECT	220MF	20%	16V
C656	1-124-120-11	ELECT	220MF	20%	16V
C659	1-124-478-11	ELECT	100MF	20%	25V
C660	1-124-478-11	ELECT	100MF	20%	25V
C661	1-124-477-11	ELECT	47MF	20%	25V
C662	1-124-477-11	ELECT	47MF	20%	25V
C663	1-124-120-11	ELECT	220MF	20%	16V
C664	1-124-120-11	ELECT	220MF	20%	16V
C665	1-126-101-11	ELECT	100MF	20%	16V
C666	1-126-101-11	ELECT	100MF	20%	16V
C667	1-124-120-11	ELECT	220MF	20%	16V
C668	1-124-120-11	ELECT	220MF	20%	16V
C701	1-124-477-11	ELECT	47MF	20%	25V
C702	1-124-559-51	ELECT	1000MF	20%	10V
C703	1-124-477-11	ELECT	47MF	20%	25V
C705	1-124-477-11	ELECT	47MF	20%	25V
C706	1-124-559-51	ELECT	1000MF	20%	10V
C707	1-124-477-11	ELECT	47MF	20%	25V
C709	1-124-477-11	ELECT	47MF	20%	25V
C710	1-161-379-00	CERAMIC	0.01MF	20%	16V
C731	1-124-477-11	ELECT	47MF	20%	25V
C732	1-124-559-51	ELECT	1000MF	20%	10V
C733	1-124-477-11	ELECT	47MF	20%	25V
C735	1-124-559-51	ELECT	1000MF	20%	10V
C736	1-124-477-11	ELECT	47MF	20%	25V
C737	1-124-477-11	ELECT	47MF	20%	25V
C761	1-124-477-11	ELECT	47MF	20%	25V
C762	1-124-559-51	ELECT	1000MF	20%	10V
C763	1-124-477-11	ELECT	47MF	20%	25V
C765	1-124-559-51	ELECT	1000MF	20%	10V
C766	1-124-477-11	ELECT	47MF	20%	25V
C767	1-124-477-11	ELECT	47MF	20%	25V
C773	1-161-379-00	CERAMIC	0.01MF	20%	16V
C791	1-123-875-11	ELECT	10MF	20%	50V
C792	1-161-379-00	CERAMIC	0.01MF	20%	16V
C793	1-161-379-00	CERAMIC	0.01MF	20%	16V
C794	1-123-875-11	ELECT	10MF	20%	50V
C795	1-123-875-11	ELECT	10MF	20%	50V
C796	1-161-379-00	CERAMIC	0.01MF	20%	16V
C797	1-161-379-00	CERAMIC	0.01MF	20%	16V
C798	1-123-875-11	ELECT	10MF	20%	50V
C801	1-124-499-11	ELECT	1MF	20%	50V
C802	1-124-604-00	ELECT	330MF	20%	10V
C803	1-130-471-00	MYLAR	0.001MF	5%	50V
C804	1-123-875-11	ELECT	10MF	20%	50V
C805	1-124-908-11	ELECT	22MF	20%	25V
C901	1-124-908-11	ELECT	22MF	20%	25V
C902	1-124-477-11	ELECT	47MF	20%	16V
C903	1-123-875-11	ELECT	10MF	20%	50V
C904	1-124-927-11	ELECT	4.7MF	20%	50V
C905	1-126-176-11	ELECT	220MF	20%	10V
C907	1-124-902-00	ELECT	0.47MF	20%	50V
C908	1-124-927-11	ELECT	4.7MF	20%	50V

Ref.No	Part No.	Description			
C910	1-125-444-11	CAP DOUBLE LAYERS	0.1F		5.5V
C911	1-124-925-11	ELECT	2.2MF	20%	50V
C912	1-161-379-00	CERAMIC	0.01MF	30%	16V
C913	1-124-499-11	ELECT	1MF	20%	50V
C914	1-124-443-00	ELECT	100MF	20%	6.3V
C915	1-124-443-00	ELECT	100MF	20%	6.3V
C916	1-124-927-11	ELECT	4.7MF	20%	50V
C917	1-124-927-11	ELECT	4.7MF	20%	50V
C918	1-124-471-00	ELECT	1000MF	20%	6.3V
C919	1-123-875-11	ELECT	10MF	20%	50V
C920	1-162-286-31	CERAMIC	220PF	10%	50V
C922	1-124-477-11	ELECT	47MF	20%	16V
C923	1-124-910-11	ELECT	47MF	20%	50V
C924	1-124-477-11	ELECT	47MF	20%	16V
C926	1-124-927-11	ELECT	4.7MF	20%	50V
C927	1-161-379-00	CERAMIC	0.01MF	30%	16V
C928	1-123-875-11	ELECT	10MF	20%	50V
C930	1-161-379-00	CERAMIC	0.01MF	30%	16V
C931	1-161-379-00	CERAMIC	0.01MF	30%	16V
C932	1-161-379-00	CERAMIC	0.01MF	30%	16V
C933	1-162-294-31	CERAMIC	0.001MF	10%	50V
C934	1-162-290-31	CERAMIC	470PF	10%	50V
C935	1-162-294-31	CERAMIC	0.001MF	10%	50V
C936	1-162-294-31	CERAMIC	0.001MF	10%	50V
C938	1-162-294-31	CERAMIC	0.001MF	10%	50V
C941	1-162-294-31	CERAMIC	0.001MF	10%	50V
C942	1-162-294-31	CERAMIC	0.001MF	10%	50V
C943	1-162-294-31	CERAMIC	0.001MF	10%	50V
C944	1-162-294-31	CERAMIC	0.001MF	10%	50V
C945	1-162-294-31	CERAMIC	0.001MF	10%	50V
C947	1-162-294-31	CERAMIC	0.001MF	10%	50V
C948	1-162-294-31	CERAMIC	0.001MF	10%	50V
C949	1-162-294-31	CERAMIC	0.001MF	10%	50V
C950	1-162-294-31	CERAMIC	0.001MF	10%	50V
C951	1-124-234-00	ELECT	22MF	20%	16V
C952	1-161-379-00	CERAMIC	0.01MF	20%	16V
C953	1-161-379-00	CERAMIC	0.01MF	20%	16V
C954	1-162-294-31	CERAMIC	0.001MF	10%	50V
C955	1-162-294-31	CERAMIC	0.001MF	10%	50V
C956	1-162-294-31	CERAMIC	0.001MF	10%	50V
C957	1-162-294-31	CERAMIC	0.001MF	10%	50V
C960	1-162-294-31	CERAMIC	0.001MF	10%	50V
C961	1-162-294-31	CERAMIC	0.001MF	10%	50V
C962	1-162-294-31	CERAMIC	0.001MF	10%	50V
CF001	1-567-393-11	FILTER, CERAMIC			
CF002	1-567-393-11	FILTER, CERAMIC			
CF003	1-567-393-11	FILTER, CERAMIC			
CF004	1-567-393-11	FILTER, CERAMIC			
CF005	1-527-981-00	FILTER, CERAMIC			
CF006	1-567-250-11	OSCILLATOR, CERAMIC			
CN1	*1-535-141-00	BASE POST 22MM (10MM PITCH) 4P			
CN2	*1-535-139-00	BASE POST 19MM (10MM PITCH) 2P			
CN3	*1-535-141-00	BASE POST 22MM (10MM PITCH) 4P			
CNJ601	1-526-883-00	OUTLET, AC			
CNJ903	1-559-959-11	CORD (WITH CONNECTOR)			
CNP280	*1-564-781-11	PIN, CONNECTOR 3P			
CNP281	*1-564-781-11	PIN, CONNECTOR 3P			
CNP282	*1-564-782-11	PIN, CONNECTOR 4P			
CNP283	*1-564-782-11	PIN, CONNECTOR 4P			
CNP284	*1-564-781-11	PIN, CONNECTOR 3P			
CNP285	*1-564-781-11	PIN, CONNECTOR 3P			
CNP901	*1-564-782-11	PIN, CONNECTOR 4P			
CNP903	*1-560-603-00	PIN, CONNECTOR 4P			

Note:
The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.

Note:
Les composants identifiés par une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref.No	Part No.	Description
CP901	1-232-942-11	COMPOSITION CIRCUIT BLOCK
CT001	1-141-304-21	TRIMAR, CERAMIC
D001	8-719-901-59	DIODE KV1320
D002	8-719-901-59	DIODE KV1320
D003	8-719-901-59	DIODE KV1320
D004	8-719-901-59	DIODE KV1320
D005	8-719-000-26	DIODE US1060M
D006	8-719-000-26	DIODE US1060M
D007	8-719-000-26	DIODE US1060M
D009	8-719-000-26	DIODE US1060M
D010	8-719-000-26	DIODE US1060M
D012	8-719-000-26	DIODE US1060M
D013	8-719-000-26	DIODE US1060M
D014	8-719-000-26	DIODE US1060M
D250	8-719-000-26	DIODE US1060M
D301	8-719-000-26	DIODE US1060M
D341	8-719-000-26	DIODE US1060M
D381	8-719-000-26	DIODE US1060M
D382	8-719-000-26	DIODE US1060M
D383	8-719-000-26	DIODE US1060M
D384	8-719-000-26	DIODE US1060M
D385	8-719-000-26	DIODE US1060M
D386	8-719-000-26	DIODE US1060M
D387	8-719-000-26	DIODE US1060M
D388	8-719-000-26	DIODE US1060M
D389	8-719-000-26	DIODE US1060M
D481	8-719-910-75	DIODE HZ7B2L
D482	8-719-910-25	DIODE HZ12B2L
D483	8-719-910-25	DIODE HZ12B2L
D501	8-719-910-82	DIODE HZ18-2L
D502	8-719-910-68	DIODE HZ6C2L
D503	8-719-000-26	DIODE US1060M
D504	8-719-000-26	DIODE US1060M
D505	8-719-300-03	DIODE SV-03
D506	8-719-000-26	DIODE US1060M
D507	8-719-000-26	DIODE US1060M
D508	8-719-000-26	DIODE US1060M
D509	8-719-000-26	DIODE US1060M
D551	8-719-910-82	DIODE HZ18-2L
D552	8-719-910-68	DIODE HZ6C2L
D553	8-719-000-26	DIODE US1060M
D554	8-719-000-26	DIODE US1060M
D555	8-719-300-03	DIODE SV-03
D556	8-719-000-26	DIODE US1060M
D557	8-719-000-26	DIODE US1060M
D558	8-719-000-26	DIODE US1060M
D559	8-719-000-26	DIODE US1060M
D601	8-719-302-38	DIODE RBV-602-01
D602	8-719-302-36	DIODE RBV-402-01
D603	8-719-302-92	DIODE RB-151LFB
D604	8-719-511-40	DIODE S1VB40
D605	8-719-000-26	DIODE US1060M
D606	8-719-904-87	DIODE EQA02-28A
D651	8-719-913-02	DIODE HZ30-2L
D652	8-719-910-52	DIODE HZ15-2L
D653	8-719-910-52	DIODE HZ15-2L
D654	8-719-910-52	DIODE HZ15-2L
D655	8-719-910-75	DIODE HZ7B2L
D656	8-719-910-75	DIODE HZ7B2L
D801	8-719-200-77	DIODE 10E2N
D802	8-719-200-77	DIODE 10E2N
D901	8-719-000-26	DIODE US1060M
D902	8-719-000-26	DIODE US1060M
D903	8-719-000-26	DIODE US1060M

Ref.No	Part No.	Description
D904	8-719-200-77	DIODE 10E2N
D905	8-719-000-26	DIODE US1060M
D906	8-719-000-26	DIODE US1060M
D907	8-719-000-26	DIODE US1060M
D908	8-719-000-26	DIODE US1060M
D909	8-719-000-26	DIODE US1060M
D910	8-719-000-26	DIODE US1060M
D911	8-719-000-26	DIODE US1060M
D912	8-719-000-26	DIODE US1060M
D913	8-719-000-26	DIODE US1060M
D914	8-719-000-26	DIODE US1060M
D915	8-719-000-26	DIODE US1060M
D916	8-719-000-26	DIODE US1060M
D917	8-719-000-26	DIODE US1060M
D918	8-719-000-26	DIODE US1060M
D919	8-719-000-26	DIODE US1060M
D920	8-719-000-26	DIODE US1060M
D921	8-719-000-26	DIODE US1060M
D922	8-719-000-26	DIODE US1060M
D923	8-719-000-26	DIODE US1060M
D924	8-719-000-26	DIODE US1060M
D925	8-719-303-00	DIODE SEL2510C
D927	8-719-000-26	DIODE US1060M
D929	8-719-000-26	DIODE US1060M
D930	8-719-200-77	DIODE 10E2N
D931	8-719-000-26	DIODE US1060M
D951	8-719-903-64	DIODE EQA02-10A85
D952	8-719-301-52	DIODE SEL2810A-C
D953	8-719-301-52	DIODE SEL2810A-C
D954	8-719-301-52	DIODE SEL2810A-C
D955	8-719-302-07	DIODE SEL1810A
D956	8-719-302-07	DIODE SEL1810A
D957	8-719-302-07	DIODE SEL1810A
D958	8-719-303-00	DIODE SEL2510C
D959	8-719-303-00	DIODE SEL2510C
D960	8-719-303-00	DIODE SEL2510C
D961	8-719-303-00	DIODE SEL2510C
D962	8-719-303-00	DIODE SEL2510C
D963	8-719-303-00	DIODE SEL2510C
DR801	*1-564-340-00	PIN, CONNECTOR 6P
DR802	*1-564-337-31	PIN, CONNECTOR 3P
DR807	*1-564-341-71	PIN, CONNECTOR 7P
DR808	*1-564-340-00	PIN, CONNECTOR 6P
DR809	*1-564-337-00	PIN, CONNECTOR 3P
DR810	*1-564-338-00	PIN, CONNECTOR 4P
DR811	*1-564-337-00	PIN, CONNECTOR 3P
DR812	*1-564-500-11	PIN, CONNECTOR 7P
DR813	*1-564-500-11	PIN, CONNECTOR 7P
DR814	*1-564-500-11	PIN, CONNECTOR 7P
DR815	*1-564-499-11	PIN, CONNECTOR 6P
DR819	*1-564-337-21	PIN, CONNECTOR 3P
DR820	*1-564-341-11	PIN, CONNECTOR 7P
DR824	*1-564-338-00	PIN, CONNECTOR 4P
DR825	*1-564-336-00	PIN, CONNECTOR 2P
DR826	*1-564-337-00	PIN, CONNECTOR 3P
DR827	*1-564-337-00	PIN, CONNECTOR 3P
DR828	*1-564-340-00	PIN, CONNECTOR 6P
DR830	*1-564-339-00	PIN, CONNECTOR 5P
DR831	*1-564-338-00	PIN, CONNECTOR 4P
DR832	*1-564-339-21	PIN, CONNECTOR 5P
EH1A	*1-564-507-11	PLUG, CONNECTOR 4P
EH1B	*1-564-507-11	PLUG, CONNECTOR 4P
EH2A	*1-564-507-11	PLUG, CONNECTOR 4P
EH3	*1-564-505-31	PLUG, CONNECTOR 2P

STR-GX9ES/GX10ES

Ref.No	Part No.	Description
EH4	*1-564-505-11	PLUG, CONNECTOR 2P
EH5	*1-564-505-11	PLUG, CONNECTOR 2P
EH10	*1-564-506-11	PLUG, CONNECTOR 3P
EH706	*1-564-505-11	PLUG, CONNECTOR 2P
F601	△1-532-510-00	FUSE, GLASS TUBE 8A 125V
FE001	1-235-936-11	ENCAPSULATED COMPONENT
FL901	1-519-454-11	INDICATOR TUBE, FLUORESCENT
IC001	8-759-812-35	IC LA1235
IC002	8-759-923-90	IC BA4560
IC003	8-759-812-45	IC LA1245
IC004	8-759-802-57	IC CXA1064S
IC005	8-757-925-20	IC CX7925B
IC281	8-759-805-13	IC LC7821
IC282	8-759-805-13	IC LC7821
IC283	8-759-805-14	IC LC7822
IC284	8-759-805-14	IC LC7822
IC285	8-759-805-13	IC LC7821
IC286	8-759-805-13	IC LC7821
IC381	8-759-923-90	IC BA4560
IC481	8-759-923-90	IC BA4560
IC701	8-759-240-52	IC M4052BP
IC702	8-759-240-52	IC M4052BP
IC703	8-759-601-41	IC M4053BP
IC801	8-759-111-68	IC UPC1237HA
IC901	8-759-141-78	IC UPD75108CW-140
IC902	8-759-604-35	IC M5F78M05
IC903	8-759-600-24	IC M54543L
IC904	8-759-802-61	IC LA5666
IC910	8-749-901-49	IC SBX1492-51
IC951	8-759-820-08	IC LC7570
IC952	8-759-820-08	IC LC7570
IC953	8-759-800-95	IC LB1493
IC954	8-759-901-45	IC SN74LS145N
IC955	9-987-364-01	IC BA829
IFT001	1-404-666-11	COIL, FM IFT
IFT002	1-404-669-11	COIL, DISCRIMINATOR
IFT003	1-404-485-00	COIL, DISCRIMINATOR (PRIMARY)
IFT004	1-404-485-00	COIL, DISCRIMINATOR (SECONDARY)
IFT005	1-404-713-11	TRANSFORMER, IF
J201	1-507-914-11	JACK, PIN 6P (ADAPTOR IN/PRE OUT)
J202	1-563-022-21	(GX10ES)....JACK, PIN 6P (PHONO/CD/AUX)
J202	1-507-914-11	(GX9ES)....JACK, PIN 6P (PHONO/CD/AUX)
J203	1-507-734-00	JACK, PIN 4P (DAT IN/REC OUT)
J204	1-507-910-11	JACK, PIN 4P (TAPE RECORDER IN/OUT)
J205	1-507-910-11	JACK, PIN 4P (VIDEO 1 AUDIO IN/OUT)
J206	1-507-910-11	JACK, PIN 4P (VIDEO 2 AUDIO IN/OUT)
J581	1-507-863-31	(GX9ES)....JACK, LARGE TYPE (HEADPHONES)
J581	1-507-863-41	(GX10ES)....JACK, LARGE TYPE (HEADPHONES)
J701	1-562-999-31	JACK, PIN 2P (MONITOR VIDEO OUT/VIDEO 1 VIDEO IN)
J702	1-562-999-31	JACK, PIN 2P (VIDEO 1 VIDEO OUT/VIDEO 2 VIDEO IN)
J703	1-565-406-31	JACK, PIN 1P (V3/CDV VIDEO IN)
J704	1-566-846-11	CONNECTOR, (S) TERMINAL 4P (VIDEO 1 S VIDEO IN)
J705	1-566-846-11	CONNECTOR, (S) TERMINAL 4P (VIDEO 1 S VIDEO OUT)
J706	1-566-846-11	CONNECTOR, (S) TERMINAL 4P (VIDEO 2 S VIDEO IN)
J708	1-566-846-11	CONNECTOR, (S) TERMINAL 4P (MONITOR S VIDEO OUT)
L001	1-402-240-11	COIL (ANT)
L002	1-426-249-11	COIL (RF)
L003	1-459-618-11	COIL
L004	1-459-647-11	COIL (WITH CORE)

Ref.No	Part No.	Description
L005	1-408-555-00	INDUCTOR 22UH
L006	1-408-562-00	INDUCTOR 8.2UH
L007	1-410-780-11	INDUCTOR 27MMH
L008	1-410-780-11	INDUCTOR 27MMH
L009	1-410-780-11	INDUCTOR 27MMH
L010	1-410-780-11	INDUCTOR 27MMH
L011	1-408-575-00	INDUCTOR 100UH
L012	1-408-575-00	INDUCTOR 100UH
L013	1-408-575-00	INDUCTOR 100UH
L014	1-408-555-00	INDUCTOR 22UH
L501	*1-420-872-00	COIL, AIR CORE 1UH
L551	*1-420-872-00	COIL, AIR CORE 1UH
L901	1-408-575-00	INDUCTOR 100UH
M301	1-238-143-11	RES, VAR, CARBON 120K/120K (WITH RV301) (VOLUME)
PH701A	*1-564-704-11	PIN, CONNECTOR (SMALL TYPE) 2P
PH701B	*1-564-704-41	PIN, CONNECTOR (SMALL TYPE) 2P
PH702A	*1-564-705-11	PIN, CONNECTOR (SMALL TYPE) 3P
PH702B	*1-564-705-41	PIN, CONNECTOR (SMALL TYPE) 3P
PH703A	*1-564-705-41	PIN, CONNECTOR (SMALL TYPE) 3P
PH703B	*1-564-705-41	PIN, CONNECTOR (SMALL TYPE) 3P
PH704A	*1-564-709-11	PIN, CONNECTOR (SMALL TYPE) 7P
PH704B	*1-564-709-11	PIN, CONNECTOR (SMALL TYPE) 7P
PH705A	*1-564-707-11	PIN, CONNECTOR (SMALL TYPE) 5P
PH705B	*1-564-707-11	PIN, CONNECTOR (SMALL TYPE) 5P
PH706A	*1-564-704-11	PIN, CONNECTOR (SMALL TYPE) 2P
PH706B	*1-564-704-11	PIN, CONNECTOR (SMALL TYPE) 2P
PH708A	*1-564-706-31	PIN, CONNECTOR (SMALL TYPE) 4P
PH708B	*1-564-706-31	PIN, CONNECTOR (SMALL TYPE) 4P
Q001	8-729-200-55	TRANSISTOR 2SK241-Y
Q002	8-729-304-38	TRANSISTOR 2SC3391
Q003	8-729-201-93	TRANSISTOR 2SC2995-O
Q004	8-729-201-93	TRANSISTOR 2SC2995-O
Q005	8-729-216-13	TRANSISTOR 2SK161-GR
Q006	8-729-216-13	TRANSISTOR 2SK161-GR
Q007	8-729-266-93	TRANSISTOR 2SC2669
Q008	8-729-266-93	TRANSISTOR 2SC2669
Q009	8-729-266-93	TRANSISTOR 2SC2669
Q010	8-729-266-93	TRANSISTOR 2SC2669
Q011	8-729-115-79	TRANSISTOR BA1A4M
Q012	8-729-224-62	TRANSISTOR 2SK246-GR
Q013	8-729-266-93	TRANSISTOR 2SC2669
Q014	8-729-266-93	TRANSISTOR 2SC2669
Q015	8-729-115-79	TRANSISTOR BA1A4M
Q016	8-729-115-79	TRANSISTOR BA1A4M
Q017	8-729-115-79	TRANSISTOR BA1A4M
Q018	8-729-115-79	TRANSISTOR BA1A4M
Q019	8-729-224-62	TRANSISTOR 2SK246-GR
Q020	8-729-224-62	TRANSISTOR 2SK246-GR
Q021	8-729-107-91	TRANSISTOR 2SC3622-L
Q022	8-729-107-91	TRANSISTOR 2SC3622-L
Q026	8-729-115-79	TRANSISTOR BA1A4M
Q027	8-729-115-79	TRANSISTOR BA1A4M
Q028	8-729-115-79	TRANSISTOR BA1A4M
Q031	8-729-904-39	TRANSISTOR DTC114TS
Q032	8-729-600-27	TRANSISTOR 2SC634SP
Q033	8-729-115-79	TRANSISTOR BA1A4M
Q034	8-729-115-15	TRANSISTOR BN1A4M
Q035	8-729-115-79	TRANSISTOR BA1A4M
Q036	8-729-600-27	TRANSISTOR 2SC634SP
Q037	8-729-203-05	TRANSISTOR 2SK30AGR33
Q250	8-729-600-27	TRANSISTOR 2SC634SP
Q301	8-729-107-98	TRANSISTOR 2SC3622A-L
Q302	8-729-600-27	TRANSISTOR 2SC634SP

Note:

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Note:

Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

STR-GX9ES/GX10ES

Ref.No	Part No.	Description
Q341	8-729-107-98	TRANSISTOR 2SC3622A-L
Q342	8-729-600-27	TRANSISTOR 2SC634SP
Q381	8-729-600-27	TRANSISTOR 2SC634SP
Q382	8-729-600-27	TRANSISTOR 2SC634SP
Q401	8-729-184-53	TRANSISTOR 2SC1845-EA
Q402	8-729-184-53	TRANSISTOR 2SC1845-EA
Q441	8-729-184-53	TRANSISTOR 2SC1845-EA
Q442	8-729-184-53	TRANSISTOR 2SC1845-EA
Q501	8-729-203-21	TRANSISTOR 2SK389-GR
Q502	8-729-600-27	TRANSISTOR 2SC634SP
Q503	8-729-600-27	TRANSISTOR 2SC634SP
Q504	8-729-699-51	TRANSISTOR 2SA995
Q505	8-729-104-18	TRANSISTOR 2SC3514
Q506	8-729-173-37	TRANSISTOR 2SA733-P
Q507	8-729-104-91	TRANSISTOR 2SA1383
Q508	8-729-104-18	TRANSISTOR 2SC3514
Q509	8-729-180-92	TRANSISTOR 2SD809-K
Q510	8-729-104-18	TRANSISTOR 2SC3514
Q511	8-729-104-91	TRANSISTOR 2SA1383
Q512	8-729-127-53	TRANSISTOR 2SA2275-P
Q513	8-729-118-53	TRANSISTOR 2SA985-P
Q514	8-729-303-88	(GX10ES)....TRANSISTOR 2SC3856
Q514	8-729-383-73	(GX9ES : US)....TRANSISTOR 2SA2837
Q515	8-729-303-85	(GX10ES)....TRANSISTOR 2SA1492
Q515	8-729-318-63	(GX9ES : US)....TRANSISTOR 2SA1186
Q516	8-729-303-88	(GX10ES)....TRANSISTOR 2SC3856
Q516	8-729-383-73	(GX9ES : US)....TRANSISTOR 2SA2837
Q517	8-729-303-85	(GX10ES)....TRANSISTOR 2SA1492
Q517	8-729-318-63	(GX9ES : US)....TRANSISTOR 2SA1186
Q518	8-729-108-14	TRANSISTOR 2SA988-F
Q551	8-729-203-21	TRANSISTOR 2SK389-GR
Q552	8-729-600-27	TRANSISTOR 2SC634SP
Q553	8-729-600-27	TRANSISTOR 2SC634SP
Q554	8-729-699-51	TRANSISTOR 2SA995
Q555	8-729-104-18	TRANSISTOR 2SC3514
Q556	8-729-173-37	TRANSISTOR 2SA733-P
Q557	8-729-104-91	TRANSISTOR 2SA1383
Q558	8-729-104-18	TRANSISTOR 2SC3514
Q559	8-729-180-92	TRANSISTOR 2SD809-K
Q560	8-729-104-18	TRANSISTOR 2SC3514
Q561	8-729-104-91	TRANSISTOR 2SA1383
Q562	8-729-127-53	TRANSISTOR 2SA2275-P
Q563	8-729-118-53	TRANSISTOR 2SA985-P
Q564	8-729-303-88	(GX10ES)....TRANSISTOR 2SC3856
Q564	8-729-383-73	(GX9ES : US)....TRANSISTOR 2SA2837
Q565	8-729-303-85	(GX10ES)....TRANSISTOR 2SA1492
Q565	8-729-318-63	(GX9ES : US)....TRANSISTOR 2SA1186
Q566	8-729-303-88	(GX10ES)....TRANSISTOR 2SC3856
Q566	8-729-383-73	(GX9ES : US)....TRANSISTOR 2SA2837
Q567	8-729-303-85	(GX10ES)....TRANSISTOR 2SA1492
Q567	8-729-318-63	(GX9ES : US)....TRANSISTOR 2SA1186
Q568	8-729-108-14	TRANSISTOR 2SA988-F
Q601	8-729-118-01	TRANSISTOR 2SB1116
Q602	8-729-600-27	TRANSISTOR 2SC634SP
Q651	8-729-117-43	TRANSISTOR 2SD774
Q652	8-729-188-23	TRANSISTOR 2SD882-P
Q653	8-729-177-43	TRANSISTOR 2SD774
Q654	8-729-103-43	TRANSISTOR 2SB734
Q655	8-729-177-43	TRANSISTOR 2SD774
Q656	8-729-177-23	TRANSISTOR 2SB772-P
Q701	8-729-178-55	TRANSISTOR 2SC2785-E
Q702	8-729-178-55	TRANSISTOR 2SC2785-E
Q703	8-729-178-55	TRANSISTOR 2SC2785-E
Q704	8-729-117-54	TRANSISTOR 2SA1175
Q705	8-729-117-54	TRANSISTOR 2SA1175

Ref.No	Part No.	Description
Q706	8-729-178-55	TRANSISTOR 2SC2785-E
Q731	8-729-178-55	TRANSISTOR 2SC2785-E
Q732	8-729-178-55	TRANSISTOR 2SC2785-E
Q733	8-729-178-55	TRANSISTOR 2SC2785-E
Q734	8-729-117-54	TRANSISTOR 2SA1175
Q735	8-729-117-54	TRANSISTOR 2SA1175
Q736	8-729-178-55	TRANSISTOR 2SC2785-E
Q761	8-729-178-55	TRANSISTOR 2SC2785-E
Q762	8-729-178-55	TRANSISTOR 2SC2785-E
Q763	8-729-178-55	TRANSISTOR 2SC2785-E
Q764	8-729-117-54	TRANSISTOR 2SA1175
Q765	8-729-117-54	TRANSISTOR 2SA1175
Q766	8-729-178-55	TRANSISTOR 2SC2785-E
Q801	8-729-600-27	TRANSISTOR 2SC634SP
Q802	8-729-103-43	TRANSISTOR 2SB734
Q901	8-729-600-27	TRANSISTOR 2SC634SP
Q902	8-729-115-79	TRANSISTOR BA1A4M
Q903	8-729-113-33	TRANSISTOR 2SB733-4
Q904	8-729-115-79	TRANSISTOR BA1A4M
Q905	8-729-115-15	TRANSISTOR BN1A4M
Q906	8-729-115-15	TRANSISTOR BN1A4M
Q907	8-729-115-79	TRANSISTOR BA1A4M
Q908	8-729-115-15	TRANSISTOR BN1A4M
Q909	8-729-115-15	TRANSISTOR BN1A4M
Q910	8-729-115-79	TRANSISTOR BA1A4M
Q911	8-729-115-79	TRANSISTOR BA1A4M
Q912	8-729-115-79	TRANSISTOR BA1A4M
Q913	8-729-115-15	TRANSISTOR BN1A4M
Q914	8-729-115-15	TRANSISTOR BN1A4M
Q915	8-729-600-27	TRANSISTOR 2SC634SP
Q916	8-729-600-27	TRANSISTOR 2SC634SP
Q918	8-729-600-27	TRANSISTOR 2SC634SP
Q919	8-729-115-15	TRANSISTOR BN1A4M
Q920	8-729-115-15	TRANSISTOR BN1A4M
Q921	8-729-115-15	TRANSISTOR BN1A4M
Q922	8-729-115-15	TRANSISTOR BN1A4M
Q923	8-729-115-79	TRANSISTOR BA1A4M
Q951	8-729-115-79	TRANSISTOR BA1A4M
Q952	8-729-115-15	TRANSISTOR BN1A4M
Q953	8-729-600-27	TRANSISTOR 2SC634SP
Q954	8-729-904-39	TRANSISTOR DTC114TS
RESISTOR		
R001	1-249-437-11	CARBON 47K 5% 1/4W
R002	1-249-437-11	CARBON 47K 5% 1/4W
R003	1-249-401-11	CARBON 47 5% 1/4W
R004	1-249-411-11	CARBON 330 5% 1/4W
R005	1-249-437-11	CARBON 47K 5% 1/4W
R006	1-249-437-11	CARBON 47K 5% 1/4W
R007	1-247-903-00	CARBON 1M 5% 1/4W
R008	1-249-405-11	CARBON 100 5% 1/4W
R009	1-249-405-11	CARBON 100 5% 1/4W
R010	1-247-893-11	CARBON 390K 5% 1/4W
R012	1-249-437-11	CARBON 47K 5% 1/4W
R013	1-249-409-11	CARBON 220 5% 1/4W
R014	1-249-429-11	CARBON 10K 5% 1/4W
R015	1-249-428-11	CARBON 8.2K 5% 1/4W
R016	1-249-405-11	CARBON 100 5% 1/4W
R017	1-249-421-11	CARBON 2.2K 5% 1/4W
R018	1-249-437-11	CARBON 47K 5% 1/4W
R019	1-249-414-11	CARBON 560 5% 1/4W
R020	1-249-407-11	CARBON 150 5% 1/4W
R021	1-249-411-11	CARBON 330 5% 1/4W
R022	1-249-411-11	CARBON 330 5% 1/4W
R023	1-249-431-11	CARBON 15K 5% 1/4W

STR-GX9ES/GX10ES

Ref.No	Part No.	Description				
R024	1-249-411-11	CARBON	330	5%	1/4W	
R025	△ 1-247-700-11	CARBON	100	5%	1/4W	F
R026	1-249-410-11	CARBON	270	5%	1/4W	
R027	1-249-411-11	CARBON	330	5%	1/4W	
R028	1-249-434-11	CARBON	27K	5%	1/4W	
R029	△ 1-247-700-11	CARBON	100	5%	1/4W	F
R030	△ 1-247-700-11	CARBON	100	5%	1/4W	F
R031	1-249-431-11	CARBON	15K	5%	1/4W	
R032	1-249-411-11	CARBON	330	5%	1/4W	
R033	1-249-410-11	CARBON	270	5%	1/4W	
R034	1-249-411-11	CARBON	330	5%	1/4W	
R035	1-249-434-11	CARBON	27K	5%	1/4W	
R036	1-249-429-11	CARBON	10K	5%	1/4W	
R037	1-249-438-11	CARBON	56K	5%	1/4W	
R038	△ 1-247-701-11	CARBON	120	5%	1/4W	F
R039	1-249-437-11	CARBON	47K	5%	1/4W	
R040	1-249-441-11	CARBON	100K	5%	1/4W	
R041	1-249-411-11	CARBON	330	5%	1/4W	
R042	1-249-441-11	CARBON	100K	5%	1/4W	
R043	1-249-432-11	CARBON	18K	5%	1/4W	
R044	1-249-429-11	CARBON	10K	5%	1/4W	
R045	1-249-428-11	CARBON	8.2K	5%	1/4W	
R046	1-249-425-11	CARBON	4.7K	5%	1/4W	
R048	1-249-417-11	CARBON	1K	5%	1/4W	
R049	1-247-903-00	CARBON	1M	5%	1/4W	
R050	1-249-417-11	CARBON	1K	5%	1/4W	
R051	1-249-422-11	CARBON	2.7K	5%	1/4W	
R052	1-249-434-11	CARBON	27K	5%	1/4W	
R053	1-249-432-11	CARBON	18K	5%	1/4W	
R054	1-249-419-11	CARBON	1.5K	5%	1/4W	
R055	1-249-419-11	CARBON	1.5K	5%	1/4W	
R056	1-249-426-11	CARBON	5.6K	5%	1/4W	
R057	1-249-426-11	CARBON	5.6K	5%	1/4W	
R058	1-249-441-11	CARBON	100K	5%	1/4W	
R059	1-249-423-11	CARBON	3.3K	5%	1/4W	
R060	1-249-430-11	CARBON	12K	5%	1/4W	
R061	△ 1-247-700-11	CARBON	100	5%	1/4W	F
R062	1-249-437-11	CARBON	47K	5%	1/4W	
R063	1-249-416-11	CARBON	820	5%	1/4W	
R064	1-249-429-11	CARBON	10K	5%	1/4W	
R065	1-247-848-11	CARBON	5.1K	5%	1/4W	
R066	1-249-399-11	CARBON	33	5%	1/4W	
R067	1-249-441-11	CARBON	100K	5%	1/4W	
R068	1-249-423-11	CARBON	3.3K	5%	1/4W	
R069	1-249-441-11	CARBON	100K	5%	1/4W	
R070	1-249-441-11	CARBON	100K	5%	1/4W	
R071	1-249-441-11	CARBON	100K	5%	1/4W	
R072	1-249-423-11	CARBON	3.3K	5%	1/4W	
R073	1-249-399-11	CARBON	33	5%	1/4W	
R074	1-249-433-11	CARBON	22K	5%	1/4W	
R075	1-249-433-11	CARBON	22K	5%	1/4W	
R076	1-247-903-00	CARBON	1M	5%	1/4W	
R077	1-247-903-00	CARBON	1M	5%	1/4W	
R078	1-249-433-11	CARBON	22K	5%	1/4W	
R079	1-249-433-11	CARBON	22K	5%	1/4W	
R080	1-249-417-11	CARBON	1K	5%	1/4W	
R081	1-249-429-11	CARBON	10K	5%	1/4W	
R082	1-249-419-11	CARBON	1.5K	5%	1/4W	
R083	1-249-424-11	CARBON	3.9K	5%	1/4W	
R084	1-249-404-00	CARBON	82	5%	1/4W	
R085	1-249-429-11	CARBON	10K	5%	1/4W	
R086	1-249-409-11	CARBON	220	5%	1/4W	
R087	1-249-429-11	CARBON	10K	5%	1/4W	
R088	1-249-413-11	CARBON	470	5%	1/4W	
R089	△ 1-247-702-81	CARBON	150	5%	1/4W	F

Ref.No	Part No.	Description				
R090	1-249-430-11	CARBON	12K	5%	1/4W	
R091	1-249-425-11	CARBON	4.7K	5%	1/4W	
R092	1-249-436-11	CARBON	39K	5%	1/4W	
R093	1-249-436-11	CARBON	39K	5%	1/4W	
R094	1-249-435-11	CARBON	33K	5%	1/4W	
R095	1-247-881-00	CARBON	120K	5%	1/4W	
R096	1-249-441-11	CARBON	100K	5%	1/4W	
R097	1-249-417-11	CARBON	1K	5%	1/4W	
R098	1-249-417-11	CARBON	1K	5%	1/4W	
R099	1-249-429-11	CARBON	10K	5%	1/4W	
R100	△ 1-247-704-11	CARBON	220	5%	1/4W	F
R101	1-249-441-11	CARBON	100K	5%	1/4W	
R102	1-249-433-11	CARBON	22K	5%	1/4W	
R103	1-249-415-11	CARBON	680	5%	1/4W	
R104	1-249-425-11	CARBON	4.7K	5%	1/4W	
R105	1-249-425-11	CARBON	4.7K	5%	1/4W	
R106	1-249-419-11	CARBON	1.5K	5%	1/4W	
R107	1-249-427-11	CARBON	6.8K	5%	1/4W	
R108	1-249-420-11	CARBON	1.8K	5%	1/4W	
R109	1-249-411-11	CARBON	330	5%	1/4W	
R110	1-249-418-11	CARBON	1.2K	5%	1/4W	
R111	1-249-414-11	CARBON	560	5%	1/4W	
R112	△ 1-247-703-11	CARBON	180	5%	1/4W	F
R113	1-249-414-11	CARBON	560	5%	1/4W	
R114	1-249-429-11	CARBON	10K	5%	1/4W	
R115	1-249-429-11	CARBON	10K	5%	1/4W	
R116	1-249-429-11	CARBON	10K	5%	1/4W	
R119	△ 1-247-690-	CARBON	15	5%	1/4W	F
R120	1-249-429-11	CARBON	10K	5%	1/4W	
R121	1-249-417-11	CARBON	1K	5%	1/4W	
R122	1-249-434-11	CARBON	27K	5%	1/4W	
R123	1-249-437-11	CARBON	47K	5%	1/4W	
R124	1-249-437-11	CARBON	47K	5%	1/4W	
R125	1-249-437-11	CARBON	47K	5%	1/4W	
R126	1-249-437-11	CARBON	47K	5%	1/4W	
R127	1-249-437-11	CARBON	47K	5%	1/4W	
R128	1-249-425-11	CARBON	4.7K	5%	1/4W	
R129	△ 1-247-700-11	CARBON	100	5%	1/4W	F
R201	1-249-417-11	CARBON	1K	5%	1/4W	
R202	1-247-903-00	CARBON	1M	5%	1/4W	
R203	1-249-405-11	CARBON	100	5%	1/4W	
R204	1-247-903-00	CARBON	1M	5%	1/4W	
R205	1-249-413-11	CARBON	470	5%	1/4W	
R206	1-249-405-11	CARBON	100	5%	1/4W	
R207	1-247-903-00	CARBON	1M	5%	1/4W	
R208	1-249-405-11	CARBON	100	5%	1/4W	
R209	1-247-903-00	CARBON	1M	5%	1/4W	
R210	1-249-417-11	CARBON	1K	5%	1/4W	
R211	1-247-903-00	CARBON	1M	5%	1/4W	
R212	1-249-405-11	CARBON	100	5%	1/4W	
R213	1-247-903-00	CARBON	1M	5%	1/4W	
R214	1-249-417-11	CARBON	1K	5%	1/4W	
R215	1-247-903-00	CARBON	1M	5%	1/4W	
R216	1-249-405-11	CARBON	100	5%	1/4W	
R217	1-247-903-00	CARBON	1M	5%	1/4W	
R218	1-249-417-11	CARBON	1K	5%	1/4W	
R219	1-247-903-00	CARBON	1M	5%	1/4W	
R220	1-249-405-11	CARBON	100	5%	1/4W	
R221	1-247-903-00	CARBON	1M	5%	1/4W	
R224	1-249-405-11	CARBON	100	5%	1/4W	
R225	1-247-903-00	CARBON	1M	5%	1/4W	
R226	1-249-405-11	CARBON	100	5%	1/4W	
R227	1-247-903-00	CARBON	1M	5%	1/4W	
R241	1-249-417-11	CARBON	1K	5%	1/4W	
R242	1-247-903-00	CARBON	1M	5%	1/4W	

Note:
The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Note:
Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref.No	Part No.	Description				
R243	1-249-405-11	CARBON	100	5%	1/4W	
R244	1-247-903-00	CARBON	1M	5%	1/4W	
R245	1-249-413-11	CARBON	470	5%	1/4W	
R246	1-249-405-11	CARBON	100	5%	1/4W	
R247	1-247-903-00	CARBON	1M	5%	1/4W	
R248	1-249-405-11	CARBON	100	5%	1/4W	
R249	1-247-903-00	CARBON	1M	5%	1/4W	
R250	1-249-417-11	CARBON	1K	5%	1/4W	
R251	1-247-903-00	CARBON	1M	5%	1/4W	
R252	1-249-405-11	CARBON	100	5%	1/4W	
R253	1-247-903-00	CARBON	1M	5%	1/4W	
R254	1-249-417-11	CARBON	1K	5%	1/4W	
R255	1-247-903-00	CARBON	1M	5%	1/4W	
R256	1-249-405-11	CARBON	100	5%	1/4W	
R257	1-247-903-00	CARBON	1M	5%	1/4W	
R258	1-249-417-11	CARBON	1K	5%	1/4W	
R259	1-247-903-00	CARBON	1M	5%	1/4W	
R260	1-249-405-11	CARBON	100	5%	1/4W	
R261	1-247-903-00	CARBON	1M	5%	1/4W	
R264	1-249-405-11	CARBON	100	5%	1/4W	
R265	1-247-903-00	CARBON	1M	5%	1/4W	
R266	1-249-405-11	CARBON	100	5%	1/4W	
R267	1-247-903-00	CARBON	1M	5%	1/4W	
R281	1-249-425-11	CARBON	4.7K	5%	1/4W	
R282	1-249-404-00	CARBON	82	5%	1/4W	
R290	△ 1-247-704-11	CARBON	220	5%	1/4W	F
R291	△ 1-247-704-11	CARBON	220	5%	1/4W	F
R301	1-249-438-11	CARBON	56K	5%	1/4W	
R302	1-247-903-00	CARBON	1M	5%	1/4W	
R303	1-247-858-11	CARBON	13K	5%	1/4W	
R304	1-247-848-11	CARBON	5.1K	5%	1/4W	
R305	1-249-437-11	CARBON	47K	5%	1/4W	
R307	1-247-903-00	CARBON	1M	5%	1/4W	
R308	1-247-889-00	CARBON	270K	5%	1/4W	
R309	1-247-889-00	CARBON	270K	5%	1/4W	
R310	1-249-421-11	CARBON	2.2K	5%	1/4W	
R311	1-249-441-11	CARBON	100K	5%	1/4W	
R312	1-249-423-11	CARBON	3.3K	5%	1/4W	
R313	1-249-418-11	CARBON	1.2K	5%	1/4W	
R314	1-249-422-11	CARBON	2.7K	5%	1/4W	
R315	1-249-418-11	CARBON	1.2K	5%	1/4W	
R316	1-247-903-00	CARBON	1M	5%	1/4W	
R317	1-249-409-11	CARBON	220	5%	1/4W	
R318	1-247-903-00	CARBON	1M	5%	1/4W	
R319	1-249-409-11	CARBON	220	5%	1/4W	
R320	1-247-856-00	CARBON	11K	5%	1/4W	
R321	1-249-423-11	CARBON	3.3K	5%	1/4W	
R322	1-249-417-11	CARBON	1K	5%	1/4W	
R323	1-249-417-11	CARBON	1K	5%	1/4W	
R324	1-247-840-00	CARBON	2.4K	5%	1/4W	
R341	1-249-438-11	CARBON	56K	5%	1/4W	
R342	1-247-903-00	CARBON	1M	5%	1/4W	
R343	1-247-858-11	CARBON	13K	5%	1/4W	
R344	1-247-848-11	CARBON	5.1K	5%	1/4W	
R345	1-249-437-11	CARBON	47K	5%	1/4W	
R347	1-247-903-00	CARBON	1M	5%	1/4W	
R348	1-247-889-00	CARBON	270K	5%	1/4W	
R349	1-247-889-00	CARBON	270K	5%	1/4W	
R350	1-249-421-11	CARBON	2.2K	5%	1/4W	
R351	1-249-441-11	CARBON	100K	5%	1/4W	
R352	1-249-423-11	CARBON	3.3K	5%	1/4W	
R353	1-249-418-11	CARBON	1.2K	5%	1/4W	
R354	1-249-422-11	CARBON	2.7K	5%	1/4W	
R355	1-249-418-11	CARBON	1.2K	5%	1/4W	
R356	1-247-903-00	CARBON	1M	5%	1/4W	

Ref.No	Part No.	Description				
R357	1-249-409-11	CARBON	220	5%	1/4W	
R358	1-247-903-00	CARBON	1M	5%	1/4W	
R359	1-249-409-11	CARBON	220	5%	1/4W	
R360	1-247-856-00	CARBON	11K	5%	1/4W	
R361	1-249-423-11	CARBON	3.3K	5%	1/4W	
R362	1-249-417-11	CARBON	1K	5%	1/4W	
R363	1-249-417-11	CARBON	1K	5%	1/4W	
R364	1-247-840-00	CARBON	2.4K	5%	1/4W	
R381	1-249-425-11	CARBON	4.7K	5%	1/4W	
R382	1-249-425-11	CARBON	4.7K	5%	1/4W	
R383	1-249-404-00	CARBON	82	5%	1/4W	
R384	1-249-404-00	CARBON	82	5%	1/4W	
R385	1-249-425-11	CARBON	4.7K	5%	1/4W	
R386	1-249-437-11	CARBON	47K	5%	1/4W	
R387	1-249-425-11	CARBON	4.7K	5%	1/4W	
R388	1-249-437-11	CARBON	47K	5%	1/4W	
R401	1-247-872-11	CARBON	51K	5%	1/4W	
R402	1-249-411-11	CARBON	330	5%	1/4W	
R403	1-249-405-11	CARBON	100	5%	1/4W	
R404	1-247-903-00	CARBON	1M	5%	1/4W	
R405	1-249-417-11	CARBON	1K	5%	1/4W	
R406	1-249-417-11	CARBON	1K	5%	1/4W	
R407	1-249-429-11	CARBON	10K	5%	1/4W	
R408	1-249-391-11	CARBON	6.8	5%	1/4W	
R409	1-247-700-11	CARBON	100	5%	1/4W	
R410	1-249-405-11	CARBON	100	5%	1/4W	
R411	1-247-903-00	CARBON	1M	5%	1/4W	
R412	1-247-721-11	CARBON	4.7K	1%	1/4W	
R413	1-249-965-91	CARBON	56K	1%	1/4W	
R414	1-249-409-11	CARBON	220	5%	1/4W	
R441	1-247-872-11	CARBON	51K	5%	1/4W	
R442	1-249-411-11	CARBON	330	5%	1/4W	
R443	1-249-405-11	CARBON	100	5%	1/4W	
R444	1-247-903-00	CARBON	1M	5%	1/4W	
R445	1-249-417-11	CARBON	1K	5%	1/4W	
R446	1-249-417-11	CARBON	1K	5%	1/4W	
R447	1-249-429-11	CARBON	10K	5%	1/4W	
R448	1-249-391-11	CARBON	6.8	5%	1/4W	
R449	1-247-700-11	CARBON	100	5%	1/4W	
R450	1-249-405-11	CARBON	100	5%	1/4W	
R451	1-247-903-00	CARBON	1M	5%	1/4W	
R452	1-247-721-11	CARBON	4.7K	1%	1/4W	
R453	1-249-965-91	CARBON	56K	1%	1/4W	
R454	1-249-409-11	CARBON	220	5%	1/4W	
R481	1-249-419-11	CARBON	1.5K	5%	1/4W	
R482	1-249-409-11	CARBON	220	5%	1/4W	
R483	1-249-409-11	CARBON	220	5%	1/4W	
R501	1-247-903-00	CARBON	1M	5%	1/4W	
R502	1-249-417-11	CARBON	1K	5%	1/4W	
R503	1-249-409-11	CARBON	220	5%	1/4W	
R504	1-249-405-11	CARBON	100	5%	1/4W	
R505	△ 1-247-704-11	CARBON	220	5%	1/4W	F
R506	△ 1-247-704-11	CARBON	220	5%	1/4W	F
R507	1-247-903-00	CARBON	1M	5%	1/4W	
R508	1-249-421-11	CARBON	2.2K	5%	1/4W	
R509	1-249-419-11	CARBON	1.5K	5%	1/4W	
R510	△ 1-215-878-00	METAL OXIDE	33K	5%	1W	F
R511	1-249-425-11	CARBON	4.7K	5%	1/4W	
R512	△ 1-212-970-00	FUSIBLE	33	5%	1/2W	F
R513	△ 1-212-982-00	FUSIBLE	100	5%	1/2W	F
R514	1-247-701-11	CARBON	120	5%	1/4W	
R515	1-246-545-00	CARBON	1M	5%	1/4W	
R516	1-249-587-91	CARBON	30K	5%	1/4W	
R517	△ 1-247-710-81	CARBON	560	5%	1/4W	F
R518	△ 1-247-718-81	CARBON	2.7K	5%	1/4W	F

Note:
The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

Note:
Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

STR-GX9ES/GX10ES

Ref.No	Part No.	Description				
R519	△ 1-212-998-00	FUSIBLE	470	5%	1/2W	F
R520	△ 1-212-958-00	FUSIBLE	10	5%	1/2W	F
R521	△ 1-212-958-00	FUSIBLE	10	5%	1/2W	F
R522	△ 1-212-982-00	FUSIBLE	100	5%	1/2W	F
R523	△ 1-212-958-00	FUSIBLE	10	5%	1/2W	F
R524	△ 1-212-958-00	FUSIBLE	10	5%	1/2W	F
R525	△ 1-212-958-00	FUSIBLE	10	5%	1/2W	F
R526	△ 1-212-958-00	FUSIBLE	10	5%	1/2W	F
R527	△ 1-217-151-00	RES, METAL PLA TE 0.22			2W	
R528	△ 1-217-151-00	RES, METAL PLA TE 0.22			2W	
R529	△ 1-217-151-00	RES, METAL PLA TE 0.22			2W	
R530	△ 1-217-151-00	RES, METAL PLA TE 0.22			2W	
R531	△ 1-247-692-11	CARBON	22	5%	1/4W	F
R532	△ 1-247-692-11	CARBON	22	5%	1/4W	F
R533	△ 1-247-717-81	CARBON	2.2K	5%	1/4W	F
R534	1-247-891-00	CARBON	330K	5%	1/4W	
R535	1-249-431-11	CARBON	15K	5%	1/4W	
R536	△ 1-213-050-61	FUSIBLE	3.9	5%	1W	F
R537	1-247-727-11	CARBON	10	5%	1/2W	
R538	1-249-429-11	CARBON	10K	5%	1/4W	
R539	△ 1-216-431-11	METAL OXIDE	560	5%	1W	F
R540	△ 1-217-477-00	FUSIBLE	4.7	5%	1W	F
R551	1-247-903-00	CARBON	1M	5%	1/4W	
R552	1-249-417-11	CARBON	1K	5%	1/4W	
R553	1-249-409-11	CARBON	220	5%	1/4W	
R554	1-249-405-11	CARBON	100	5%	1/4W	
R555	△ 1-247-704-11	CARBON	220	5%	1/4W	F
R556	△ 1-247-704-11	CARBON	220	5%	1/4W	F
R557	1-247-903-00	CARBON	1M	5%	1/4W	
R558	1-249-421-11	CARBON	2.2K	5%	1/4W	
R559	1-249-419-11	CARBON	1.5K	5%	1/4W	
R560	△ 1-215-878-00	METAL OXIDE	33K	5%	1W	F
R561	1-249-425-11	CARBON	4.7K	5%	1/4W	
R562	△ 1-212-970-00	FUSIBLE	33	5%	1/2W	F
R563	△ 1-212-982-00	FUSIBLE	100	5%	1/2W	F
R564	1-247-701-11	CARBON	120	5%	1/4W	
R565	1-246-545-00	CARBON	1M	5%	1/4W	
R566	1-249-587-91	CARBON	30K	5%	1/4W	
R567	△ 1-247-710-81	CARBON	560	5%	1/4W	F
R568	△ 1-247-718-81	CARBON	2.7K	5%	1/4W	F
R569	△ 1-212-998-00	FUSIBLE	470	5%	1/2W	F
R570	△ 1-212-958-00	FUSIBLE	10	5%	1/2W	F
R571	△ 1-212-958-00	FUSIBLE	10	5%	1/2W	F
R572	△ 1-212-982-00	FUSIBLE	100	5%	1/2W	F
R573	△ 1-212-958-00	FUSIBLE	10	5%	1/2W	F
R574	△ 1-212-958-00	FUSIBLE	10	5%	1/2W	F
R575	△ 1-212-958-00	FUSIBLE	10	5%	1/2W	F
R576	△ 1-212-958-00	FUSIBLE	10	5%	1/2W	F
R577	△ 1-217-151-00	RES, METAL PLA TE 0.22			2W	
R578	△ 1-217-151-00	RES, METAL PLA TE 0.22			2W	
R579	△ 1-217-151-00	RES, METAL PLA TE 0.22			2W	
R580	△ 1-217-151-00	RES, METAL PLA TE 0.22			2W	
R581	△ 1-247-692-11	CARBON	22	5%	1/4W	F
R582	△ 1-247-692-11	CARBON	22	5%	1/4W	F
R583	△ 1-247-717-81	CARBON	2.2K	5%	1/4W	F
R584	1-247-891-00	CARBON	330K	5%	1/4W	
R585	1-249-431-11	CARBON	15K	5%	1/4W	
R586	△ 1-213-050-61	FUSIBLE	3.9	5%	1W	F
R587	1-247-727-11	CARBON	10	5%	1/2W	
R588	1-249-429-11	CARBON	10K	5%	1/4W	
R589	△ 1-216-431-11	METAL OXIDE	560	5%	1W	F
R590	△ 1-217-477-00	FUSIBLE	4.7	5%	1W	F
R601	1-249-437-11	CARBON	47K	5%	1/4W	
R602	1-249-425-11	CARBON	4.7K	5%	1/4W	
R603	△ 1-215-869-11	METAL OXIDE	1K	5%	1W	F

Ref.No	Part No.	Description				
R604	1-247-747-11	CARBON	470	5%	1/2W	
R605	1-249-429-11	CARBON	10K	5%	1/4W	
R606	△ 1-202-725-00	SOLID	3.3M	10%	1/2W	
R610	△ 1-249-482-11	CARBON	4.7	5%	1/2W	F
R611	△ 1-249-482-11	CARBON	4.7	5%	1/2W	F
R612	△ 1-213-060-61	FUSIBLE	10	5%	1W	F
R613	△ 1-213-060-61	FUSIBLE	10	5%	1W	F
R651	△ 1-247-752-61	CARBON	1K	5%	1/2W	F
R652	△ 1-249-455-11	CARBON	4.7	5%	1/4W	F
R653	△ 1-249-455-11	CARBON	4.7	5%	1/4W	F
R654	1-249-425-11	CARBON	4.7K	5%	1/4W	
R655	1-249-421-11	CARBON	2.2K	5%	1/4W	
R656	1-249-417-11	CARBON	1K	5%	1/4W	
R657	1-249-417-11	CARBON	1K	5%	1/4W	
R658	△ 1-215-864-00	METAL OXIDE	150	5%	1W	F
R659	△ 1-215-885-00	METAL OXIDE	68	5%	2W	F
R660	1-249-419-11	CARBON	1.5K	5%	1/4W	
R661	1-249-419-11	CARBON	1.5K	5%	1/4W	
R701	1-247-804-11	CARBON	75	5%	1/4W	
R702	1-249-431-11	CARBON	15K	5%	1/4W	
R703	1-249-429-11	CARBON	10K	5%	1/4W	
R704	1-249-403-11	CARBON	68	5%	1/4W	
R705	1-247-804-11	CARBON	75	5%	1/4W	
R706	1-249-431-11	CARBON	15K	5%	1/4W	
R709	1-247-804-11	CARBON	75	5%	1/4W	
R710	1-249-431-11	CARBON	15K	5%	1/4W	
R711	1-249-429-11	CARBON	10K	5%	1/4W	
R712	1-249-403-11	CARBON	68	5%	1/4W	
R713	1-249-431-11	CARBON	15K	5%	1/4W	
R714	1-249-430-11	CARBON	12K	5%	1/4W	
R715	1-249-433-11	CARBON	22K	5%	1/4W	
R716	1-249-442-11	CARBON	510	5%	1/4W	
R717	1-249-421-11	CARBON	2.2K	5%	1/4W	
R718	1-249-423-11	CARBON	3.3K	5%	1/4W	
R719	1-247-844-11	CARBON	3.6K	5%	1/4W	
R720	1-249-405-11	CARBON	100	5%	1/4W	
R721	1-249-418-11	CARBON	1.2K	5%	1/4W	
R722	1-249-401-11	CARBON	47	5%	1/4W	
R723	1-249-431-11	CARBON	15K	5%	1/4W	
R724	1-249-431-11	CARBON	15K	5%	1/4W	
R725	1-249-437-11	CARBON	47K	5%	1/4W	
R726	1-249-409-11	CARBON	220	5%	1/4W	
R731	1-247-804-11	CARBON	75	5%	1/4W	
R732	1-249-431-11	CARBON	15K	5%	1/4W	
R733	1-249-429-11	CARBON	10K	5%	1/4W	
R734	1-249-403-11	CARBON	68	5%	1/4W	
R735	1-247-804-11	CARBON	75	5%	1/4W	
R736	1-249-431-11	CARBON	15K	5%	1/4W	
R739	1-249-429-11	CARBON	10K	5%	1/4W	
R740	1-249-403-11	CARBON	68	5%	1/4W	
R741	1-249-431-11	CARBON	15K	5%	1/4W	
R742	1-249-430-11	CARBON	12K	5%	1/4W	
R743	1-249-433-11	CARBON	22K	5%	1/4W	
R744	1-249-442-11	CARBON	510	5%	1/4W	
R745	1-249-421-11	CARBON	2.2K	5%	1/4W	
R746	1-249-423-11	CARBON	3.3K	5%	1/4W	
R747	1-247-844-11	CARBON	3.6K	5%	1/4W	
R748	1-249-418-11	CARBON	1.2K	5%	1/4W	
R749	1-249-405-11	CARBON	100	5%	1/4W	
R750	1-249-401-11	CARBON	47	5%	1/4W	
R751	1-249-431-11	CARBON	15K	5%	1/4W	
R752	1-249-431-11	CARBON	15K	5%	1/4W	
R753	1-249-437-11	CARBON	47K	5%	1/4W	
R754	1-249-409-11	CARBON	220	5%	1/4W	
R761	1-247-804-11	CARBON	75	5%	1/4W	

Note:
The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Note:
Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref.No	Part No.	Description			
R762	1-249-431-11	CARBON	15K	5%	1/4W
R763	1-249-429-11	CARBON	10K	5%	1/4W
R764	1-249-403-11	CARBON	68	5%	1/4W
R765	1-247-804-11	CARBON	75	5%	1/4W
R766	1-249-431-11	CARBON	15K	5%	1/4W
R769	1-249-429-11	CARBON	10K	5%	1/4W
R770	1-249-403-11	CARBON	68	5%	1/4W
R771	1-249-431-11	CARBON	15K	5%	1/4W
R772	1-249-430-11	CARBON	12K	5%	1/4W
R773	1-249-433-11	CARBON	22K	5%	1/4W
R774	1-249-442-11	CARBON	510	5%	1/4W
R775	1-249-421-11	CARBON	2.2K	5%	1/4W
R776	1-249-423-11	CARBON	3.3K	5%	1/4W
R777	1-247-844-11	CARBON	3.6K	5%	1/4W
R778	1-249-418-11	CARBON	1.2K	5%	1/4W
R779	1-249-405-11	CARBON	100	5%	1/4W
R780	1-249-401-11	CARBON	47	5%	1/4W
R781	1-249-431-11	CARBON	15K	5%	1/4W
R782	1-249-431-11	CARBON	15K	5%	1/4W
R783	1-249-437-11	CARBON	47K	5%	1/4W
R784	1-249-409-11	CARBON	220	5%	1/4W
R791	1-249-437-11	CARBON	47K	5%	1/4W
R792	1-249-437-11	CARBON	47K	5%	1/4W
R801	1-249-425-11	CARBON	4.7K	5%	1/4W
R802	1-249-433-11	CARBON	22K	5%	1/4W
R803	1-249-429-11	CARBON	10K	5%	1/4W
R804	1-249-437-11	CARBON	47K	5%	1/4W
R805	1-249-429-11	CARBON	10K	5%	1/4W
R806	1-247-887-00	CARBON	220K	5%	1/4W
R807	1-249-431-11	CARBON	15K	5%	1/4W
R808	1-249-427-11	CARBON	6.8K	5%	1/4W
R809	1-247-887-00	CARBON	220K	5%	1/4W
R810	1-215-864-00	METAL OXIDE	150	5%	1W
R850	1-249-425-11	CARBON	4.7K	5%	1/4W
R851	1-249-425-11	CARBON	4.7K	5%	1/4W
R891	1-249-425-11	CARBON	4.7K	5%	1/4W
R892	1-249-425-11	CARBON	4.7K	5%	1/4W
R893	1-249-425-11	CARBON	4.7K	5%	1/4W
R894	1-249-425-11	CARBON	4.7K	5%	1/4W
R895	1-249-429-11	CARBON	10K	5%	1/4W
R901	1-249-403-11	CARBON	68	5%	1/4W
R902	1-249-425-11	CARBON	4.7K	5%	1/4W
R904	1-249-421-11	CARBON	2.2K	5%	1/4W
R905	1-249-437-11	CARBON	47K	5%	1/4W
R906	1-249-441-11	CARBON	100K	5%	1/4W
R907	1-249-441-11	CARBON	100K	5%	1/4W
R908	1-249-441-11	CARBON	100K	5%	1/4W
R909	1-249-420-11	CARBON	1.8K	5%	1/4W
R910	1-247-895-00	CARBON	470K	5%	1/4W
R911	1-249-433-11	CARBON	22K	5%	1/4W
R912	1-249-429-11	CARBON	10K	5%	1/4W
R913	1-249-429-11	CARBON	10K	5%	1/4W
R914	1-249-429-11	CARBON	10K	5%	1/4W
R915	1-249-429-11	CARBON	10K	5%	1/4W
R916	1-249-417-11	CARBON	1K	5%	1/4W
R917	1-247-887-00	CARBON	220K	5%	1/4W
R918	1-249-441-11	CARBON	100K	5%	1/4W
R919	1-249-429-11	CARBON	10K	5%	1/4W
R921	1-249-429-11	CARBON	10K	5%	1/4W
R922	1-249-441-11	CARBON	100K	5%	1/4W
R930	1-247-887-00	CARBON	220K	5%	1/4W
R931	1-249-425-11	CARBON	4.7K	5%	1/4W
R932	1-249-439-11	CARBON	68K	5%	1/4W
R933	1-249-425-11	CARBON	4.7K	5%	1/4W
R934	1-249-441-11	CARBON	100K	5%	1/4W

Ref.No	Part No.	Description			
R935	1-249-425-11	CARBON	4.7K	5%	1/4W
R936	1-249-429-11	CARBON	10K	5%	1/4W
R937	1-249-429-11	CARBON	10K	5%	1/4W
R938	1-249-409-11	CARBON	220	5%	1/4W
R939	1-249-425-11	CARBON	4.7K	5%	1/4W
R940	1-249-437-11	CARBON	47K	5%	1/4W
R941	1-249-435-11	CARBON	33K	5%	1/4W
R942	1-249-437-11	CARBON	47K	5%	1/4W
R943	1-249-437-11	CARBON	47K	5%	1/4W
R944	1-249-437-11	CARBON	47K	5%	1/4W
R946	1-249-393-11	CARBON	10	5%	1/4W
R948	1-249-417-11	CARBON	1K	5%	1/4W
R951	1-249-441-11	CARBON	100K	5%	1/4W
R952	1-249-441-11	CARBON	100K	5%	1/4W
R953	1-249-441-11	CARBON	100K	5%	1/4W
R954	1-249-441-11	CARBON	100K	5%	1/4W
R955	1-249-441-11	CARBON	100K	5%	1/4W
R956	1-249-425-11	CARBON	4.7K	5%	1/4W
R957	1-249-425-11	CARBON	4.7K	5%	1/4W
R958	1-249-425-11	CARBON	4.7K	5%	1/4W
R960	1-249-441-11	CARBON	100K	5%	1/4W
R961	1-249-441-11	CARBON	100K	5%	1/4W
R962	1-249-441-11	CARBON	100K	5%	1/4W
R963	1-249-441-11	CARBON	100K	5%	1/4W
R964	1-249-441-11	CARBON	100K	5%	1/4W
R965	1-249-441-11	CARBON	100K	5%	1/4W
R966	1-249-429-11	CARBON	10K	5%	1/4W
R967	1-249-425-11	CARBON	4.7K	5%	1/4W
R968	1-249-441-11	CARBON	100K	5%	1/4W
R969	1-249-441-11	CARBON	100K	5%	1/4W
R970	1-247-744-11	CARBON	270	5%	1/2W
R971	1-249-406-11	CARBON	120	5%	1/4W
R972	1-249-407-11	CARBON	150	5%	1/4W
R973	1-249-409-11	CARBON	220	5%	1/4W
R974	1-249-409-11	CARBON	220	5%	1/4W
R975	1-249-409-11	CARBON	220	5%	1/4W
R976	1-249-425-11	CARBON	4.7K	5%	1/4W
R977	1-249-421-11	CARBON	2.2K	5%	1/4W
R978	1-249-421-11	CARBON	2.2K	5%	1/4W
R979	1-249-421-11	CARBON	2.2K	5%	1/4W
R980	1-249-425-11	CARBON	4.7K	5%	1/4W
R981	1-249-425-11	CARBON	4.7K	5%	1/4W
R982	1-249-425-11	CARBON	4.7K	5%	1/4W
R983	1-249-425-11	CARBON	4.7K	5%	1/4W
R984	1-249-425-11	CARBON	4.7K	5%	1/4W
R985	1-249-421-11	CARBON	2.2K	5%	1/4W
R986	1-249-421-11	CARBON	2.2K	5%	1/4W
R987	1-249-425-11	CARBON	4.7K	5%	1/4W
R988	1-249-425-11	CARBON	4.7K	5%	1/4W
R989	1-249-425-11	CARBON	4.7K	5%	1/4W
R992	1-249-425-11	CARBON	4.7K	5%	1/4W
R993	1-249-425-11	CARBON	4.7K	5%	1/4W
R994	1-249-429-11	CARBON	10K	5%	1/4W
R995	1-249-429-11	CARBON	10K	5%	1/4W
R996	1-249-429-11	CARBON	10K	5%	1/4W
R997	1-249-429-11	CARBON	10K	5%	1/4W
R998	1-249-425-11	CARBON	4.7K	5%	1/4W
R999	1-249-425-11	CARBON	4.7K	5%	1/4W
RT001	1-237-459-21	RES, ADJ, CARBON 10K			
RT002	1-237-461-21	RES, ADJ, CARBON 50K			
RT003	1-237-462-21	RES, ADJ, CARBON 100K			
RT004	1-237-463-21	RES, ADJ, CARBON 200K			
RT005	1-237-463-21	RES, ADJ, CARBON 200K			
RT006	1-237-460-21	RES, ADJ, CARBON 20K			
RT007	1-237-461-21	RES, ADJ, CARBON 50K			

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STR-GX9ES/GX10ES

Ref.No	Part No.	Description
RT501	1-224-248-XX	RES, ADJ, SOLID 470
RT551	1-224-248-XX	RES, ADJ, SOLID 470
RV301	1-238-143-11	RES, VAR, CARBON 120K/120K (WITH M301) (VOLUME)
RV382	1-238-140-11	RES, VAR, CARBON 20K/20K (BASS)
RV383	1-238-141-11	RES, VAR, CARBON 20K/20K (MID)
RV384	1-238-141-11	RES, VAR, CARBON 20K/20K (TREBLE)
RV385	1-238-142-11	RES, VAR, CARBON 20K/20K (BALANCE)
RY201	1-515-614-11	RELAY
RY381	1-515-614-11	RELAY
RY382	1-515-614-11	RELAY
RY581	1-515-703-11	RELAY
RY601	1-515-493-00	RELAY
S381	1-571-499-11	SWITCH, PUSH (2 KEY) (SUBSONIC FILTER, LOUDNESS)
S383	1-571-498-11	SWITCH, ROTARY (MODE)
S384	1-571-500-11	SWITCH, PUSH (1 KEY) (TURNOVER 200/400Hz)
S385	1-571-500-11	SWITCH, PUSH (1 KEY) (TURNOVER 3K/6KHz)
S386	1-571-496-11	SWITCH, ROTARY (REC OUT SELECTOR)
S401	1-570-029-11	SWITCH, PUSH (1 KEY) (CARTRIDGE)
S581-1	1-570-897-11	SWITCH, SLIDE (REMOTE) (SPEAKERS)
S581-2	1-571-497-11	SWITCH, ROTARY (REMOTE) (SPEAKERS)
S901	1-571-241-11	SWITCH, PUSH (1 KEY) (POWER)
S902	1-554-303-21	SWITCH, KEY BOARD (TUNING -)
S903	1-554-303-21	SWITCH, KEY BOARD (TUNING +)
S904	1-554-303-21	SWITCH, KEY BOARD (PRESET -)
S905	1-554-303-21	SWITCH, KEY BOARD (PRESET +)
S906	1-554-303-21	SWITCH, KEY BOARD (FM LEVEL)
S907	1-554-303-21	SWITCH, KEY BOARD (SENSE)
S908	1-554-303-21	SWITCH, KEY BOARD (ADAPTOR)
S909	1-554-303-21	SWITCH, KEY BOARD (FM/AM)
S910	1-554-303-21	SWITCH, KEY BOARD (MEMORY)
S911	1-554-303-21	SWITCH, KEY BOARD (0)
S912	1-554-303-21	SWITCH, KEY BOARD (ENTER)
S913	1-554-303-21	SWITCH, KEY BOARD (MUTING -20dB)
S914	1-554-303-21	SWITCH, KEY BOARD (SOURCE DIRECT)
S915	1-554-303-21	SWITCH, KEY BOARD (TUNE MODE)
S916	1-554-303-21	SWITCH, KEY BOARD (7)
S917	1-554-303-21	SWITCH, KEY BOARD (8)
S918	1-554-303-21	SWITCH, KEY BOARD (9)
S919	1-554-303-21	SWITCH, KEY BOARD (VIDEO 1)
S920	1-554-303-21	SWITCH, KEY BOARD (VIDEO 2)
S921	1-554-303-21	SWITCH, KEY BOARD (VIDEO 3/CDV)
S922	1-554-303-21	SWITCH, KEY BOARD (MUTE/MODE)
S923	1-554-303-21	SWITCH, KEY BOARD (4)
S924	1-554-303-21	SWITCH, KEY BOARD (5)
S925	1-554-303-21	SWITCH, KEY BOARD (6)
S926	1-554-303-21	SWITCH, KEY BOARD (AUX)
S927	1-554-303-21	SWITCH, KEY BOARD (TAPE)

Ref.No	Part No.	Description
S928	1-554-303-21	SWITCH, KEY BOARD (DAT)
S929	1-554-303-21	SWITCH, KEY BOARD (1)
S930	1-554-303-21	SWITCH, KEY BOARD (2)
S931	1-554-303-21	SWITCH, KEY BOARD (3)
S932	1-554-303-21	SWITCH, KEY BOARD (CD)
S933	1-554-303-21	SWITCH, KEY BOARD (TUNER)
S934	1-554-303-21	SWITCH, KEY BOARD (PHONO)
T601	1-449-243-11	(GX10ES)....TRANSFORMER, POWER
T601	1-449-245-11	(GX9ES : US)....TRANSFORMER, POWER
T602	1-449-244-11	TRANSFORMER, POWER
TM901	1-537-136-11	TERMINAL BOARD (ANT)
TP001	*1-560-060-00	PIN, CONNECTOR 2P
TP002	*1-560-060-00	PIN, CONNECTOR 2P
TP501	*1-535-115-00	TERMINAL (BIAS)
TP551	*1-535-115-00	TERMINAL (BIAS)
VH1	*1-564-241-00	PIN, CONNECTOR 4P
VH2	*1-564-104-00	PIN, CONNECTOR 3P
VH3	*1-564-674-00	PIN, CONNECTOR 8P
VH4	*1-564-320-00	PIN, CONNECTOR 2P
VH5	*1-564-320-00	PIN, CONNECTOR 2P
VH6	*1-564-241-00	PIN, CONNECTOR 4P
X001	1-567-826-21	VIBRATOR, CRYSTAL (7.2MHz)
XT901	1-567-772-11	VIBRATOR, CERAMIC (10.24MHz)
ACCESSORY & PACKING MATERIAL		
1-417-141-11	MATCHING TRANSFORMER, ANTENNA	
1-463-985-11	REMOTE COMMANDER (RM-P103)	
1-501-224-00	ANTENNA, FEEDER	
1-501-349-11	ANTENNA, LOOP	
3-703-390-01	INSTRUCTION	
3-703-450-01	INSTRUCTION	
*3-704-346-01	SHEET (STANDARD), PROTECTION	
3-786-107-21	MANUAL, INSTRUCTION	
3-786-107-31	(GX10ES : CND)....MANUAL, INSTRUCTION	
3-795-433-31	(GX10ES : CND)....INSTRUCTION (BROADCASTING STATION LIST)	
4-922-202-01	CUSHION	
*4-924-903-01	(GX10ES : US)....LABEL, MODEL NUMBER (U2)	
*4-924-904-01	(GX9ES)....LABEL, MODEL NUMBER	
*4-924-928-01	(GX10ES : CND)....LABEL, MODEL NUMBER	
*4-924-959-01	(GX10ES)....INDIVIDUAL CARTON	
*4-924-960-01	(GX9ES)....INDIVIDUAL CARTON	

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