



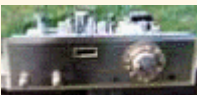

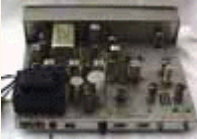











TYPE	(Click to see Full-size)	CONFIGURATION	YEARS (approx)	COST NEW (\$)	COMMENTS, (tech notes)	TUBES
310(A)		FM-Mono Broadcast Monitor Tuner	1954-1957	\$170	<p>1st Scott FM Tuner;</p> <p><u>Used Unusual (bottom-edge) Slide Rule Tuning</u>, with illuminated indicator and coarse tuning slider.</p> <p>tubes mounted on inverted sub-chassis;</p> <p>Front panel controls: level, squelch ("Dynaural Inter-station Noise Suppressor"), and vernier tuning knobs.</p> <p>All Scott 310-series tuners feature a unique 5-tube/4-can IF/limiter section.</p> <p>The 310A was the only 310 model to use a 6X5GT rectifier and dual 12AU7 final DINS/amp section.</p> <p>Used narrow "D" Case.</p>	<p>10 Tubes:</p> <p>Front End: (1) 6BK7A or 6BS8/6BQ7A (1) 6U8;</p> <p>IF: (4) 6AU6 (1) 6BN6</p> <p>AF AMP: (1) 12AU7</p> <p>Squelch (DINS): (1) 12AU7</p> <p>Rectifier: (1) 6X5GT</p>
310-B		FM-Mono Broadcast Monitor Tuner	1957-1958	\$155	<p>Simplified repackaging of the "inverted" 310A; using design concepts introduced on the 311-A</p> <p>First 310 to use famous Scott round tuning dial with planetary, co-axial (vernier) tuning knobs and simplified, non-inverted chassis.</p> <p>The 310-B introduced both tape and multiplex output jacks for use with the 335/LM-35 outboard adaptor.</p> <p>Introduced the 12AX7/12AU7 DINS/final output amp</p> <p>"Silver-Plated" (Modular) Front-End introduced,</p> <p>Used narrow "D" case/chassis.</p>	<p>10 Tubes:</p> <p>Front End: (1) 6BS8/6BQ7A (1) 6U8;</p> <p>IF: (4) 6AU6 (1) 6BN6</p> <p>AF AMP: (1) 12AX7</p> <p>Squelch (DINS): (1) 12AU7</p> <p>Rectifier: (1) 6X4</p>
310-C		FM-Mono Broadcast Monitor Tuner	1958-1960	\$170	<p>Essentially identical to 310-B (above)</p> <p>with minor cosmetic updates</p> <p>"Conical Peg-style" replaces co-axial (vernier) tuning knob.</p> <p>Used narrow "D" case/chassis</p>	<p>10 Tubes:</p> <p>Front End: (1) 6BS8/6BQ7A (1) 6U8;</p> <p>IF: (4) 6AU6 (1) 6BN6</p> <p>AF AMP: (1) 12AX7</p> <p>Squelch: (1) 12AU7</p> <p>Rectifier:</p>


						(1) 6X4
310-CR		FM-Mono Broadcast Monitor Tuner Rack Mount	1959-1961	\$220	Same as 310-C (above) but the "CR" was sold by H.H. Scott, Instrument Division, for professional applications. Featured RETMA, 5.25-inch x 19-inch rack-mount faceplate. For \$35.00, an optional 600/150-ohm balanced output transformer was available.	10 tubes: Front End: (1) 6BS8/6BQ7A (1) 6U8 ; IF: (4) 6AU6 (1) 6BN6 AF AMP: (1) 12AX7 Squelch (DINS): (1) 12AU7 Rectifier: (1) 6X4
310-D		FM-Mono Broadcast Monitor Tuner	1960-1962	\$190	Last "Mono" 310 variant Wide Chassis Introduced, "C" Case (anticipating space for multiplex decoder?) Used 12AU7 AF amp, instead of 12AX7 Improved squelch ("Dynaural Interstation Noise Suppressor or DINS") Introduced high-speed muting (relay-driven) circuits, & diversity reception opt., both later seen on the 4310 (Note: Front-panel layout easily confused with the early 350 FM-MPX stereo types.)	10 Tubes: Front End: (1) 6BS8/6BQ7A (1) 6U8 ; IF: (4) 6AU6 (1) 6BN6 AF AMP: (1) 12AU7 Squelch (DINS) Relay Driver: (1) 7247/12DW7 Rectifier: (1) 6X4
310E	 	FM-MPX Stereo Broadcast Monitor Tuner	1963-1964	\$300	Final evolution of the 310 series (and only to feature MPX). Considered by many to be Scott's finest performing tuner design. Built on std. "C" Case, wide chassis, (unlike the bigger 4310 , which used the taller "G" chassis.) Included dual relays for Squelch (DINS) circuit and Auto-Sensor Stereo MPX detection both with new green jewel indicators; Featured unique Selector switch which permitted user to exclude all mono broadcasts;	15 tubes: Front End: (1) 6BS8/6BQ7A (1) 6U8 ; IF: (4) 6AU6 (1) 6BN6 MPX: (1) 6U8 (2) 12AU7 (1) 12AX7

					<p>Featured unique front-panel <i>Stereo Threshold Control</i> permitting user to set minimum acceptable multiplex signal levels.</p> <p>Used 6V4 rectifier</p> <p>Dropped diversity option of 310-D,</p> <p>added Extruded Front Panel Styling (Capped ("Pegless") Tuning Knob), Dark Brown Tuning Dial background.</p>	<p>AF AMP: (1) 12AT7</p> <p>RELAY DRIVERS: (2) 7247/12DW7</p> <p>Rectifier: (1) 6V4</p>
311(A)		FM-Mono Tuner	1955-1956	\$100	<p>Significant Scott tuner design; but often overlooked.</p> <p>Lower-cost version of 310 (two-thirds the cost of a 310);</p> <p>First use of famous Scott round tuning dial, using co-axial (vernier/reduction) tuning knobs.</p> <p>The 311 also introduced the 3-tube IF/Limiter section which was used on ALL Scott tube tuner designs (except the 310-series) and the final "Compactron" 370/LT-111 design.</p> <p>Economies were achieved by using the 3-tube /3-can IF section (eliminating the 310's 6BN6 gated-beam limiter) and eliminating the 310's "Squelch" and replacing the 310's dual 12AU7 audio output drivers with a single 12AX7.</p> <p>Introduced the MPX output jack for use with the 335/LM-35 multiplex adaptors.</p> <p>Red plastic dial pointers, on early models Used narrow "D" case/chassis.</p>	<p>7 Tubes:</p> <p>Front End: (1) 6BS8/6BQ7A (1) 6U8;</p> <p>IF: (3) 6AU6</p> <p>AF AMP: (1) 12AX7</p> <p>Rectifier: (1) 6X4</p>
311-B		FM-Mono Tuner	1956-1958	\$120	<p>See 311(A) details above,</p> <p>Early versions had red plastic dial pointers (see above),</p> <p>"Silver-Plated" (Modular) Front-End introduced, used narrow "D" case/ chassis</p>	<p>7 tubes:</p> <p>Front End: (1) 6BS8/6BQ7A (1) 6U8;</p> <p>IF: (3) 6AU6</p> <p>AF AMP: (1) 12AX7</p> <p>Rectifier: (1) 6X4</p>
311-C		FM-Mono Tuner	1959-1960	\$120	<p>Essentially identical to 311-B (above)</p> <p>minor cosmetic changes</p> <p>used narrow "D" case/ chassis</p>	<p>7 tubes:</p> <p>Front End: (1) 6BS8/6BQ7A (1) 6U8;</p> <p>IF: (3) 6AU6</p> <p>AF AMP: (1) 12AX7</p>

						Rectifier: (1) <u>6X4</u>
<u>311-D</u>		FM-Mono Tuner	1960-1961	\$120	See 311(A)/B/C details above, Final variant of 311 series, "Conical Peg-style" replaces co-axial (vernier) tuning knob. used narrow "D" case/chassis	7 tubes: Front End: (1) <u>6BS8/6BQ7A</u> (1) <u>6U8</u> ; IF: (3) <u>6AU6</u> AF AMP: (1) <u>12AX7</u> Rectifier: (1) <u>6X4</u>
<u>314</u>		FM-Mono Tuner	1961-1963	\$115	Low cost, Wide-Chassis refinement of 311 design Used <u>6FG6/EM84</u> tuning-eye tube instead of meter, Eliminated 12AX7 audio amp and 6AU6 limiter tubes, replaced with single 6AU8 tube. Wide "C" Case/chassis, <u>also see Kit version, LT-10</u>	7 tubes: Front End: (1) <u>6BS8/6BQ7A</u> (1) <u>6U8</u> ; IF: (2) <u>6AU6</u> (1) <u>6U8</u> AF AMP: (none) shares 6U8 Rectifier: (1) <u>6X4</u> Tuning Eye: <u>6FG6/EM84</u>
<u>335</u>		MPX Stereo Adaptor	1961-1963	\$110	Outboard (self-powered) MPX stereo adapter for adding stereo decoding to Wide-band FM-mono Tuners. The basic 335 design was also shared in the 333, 350 and LT-110 MPX tuners. The multiplex decoder used a 6BL8 as a composite buffer and 19 kHz amplifier. A 12AU7 was used for the 38 kHz oscillator. Another 12AU7 was used as an audio stereo matrix circuit. A 12AT7 was used as the audio output amplifier and a 6X4 rectifier provided power. The 335 used narrow "H" case/chassis <u>also later offered as the LM-35 Kit version</u>	5 tubes: MPX: (1) <u>6BL8</u> (2) <u>12AU7</u> AF AMP: (1) <u>12AT7</u> Rectifier: (1) <u>6X4</u>

<p><u>350(A)</u></p>		<p>FM-MPX-Stereo Tuner</p>	<p>1961-1962</p>	<p>\$195</p>	<p>The Type 350 introduced true MPX-Stereo. The 335 MPX decoder design was married to the 311/314 tuner on a wide "C" chassis.</p> <p>Front panel level control was provided.</p> <p>An optional Type C-55 "Stereo Guide" indicator tube (6AV6) was located at the 6 o'clock position of the tuning dial,</p> <p>The original 350's had no Tape Output jack on the front panel.</p> <p>350(A) front panel layout very similar to 310-D.</p> <p>used wide "C" Case/chassis</p>	<p>10 tubes:</p> <p>Front End: (1) <u>6BS8/6BQ7A</u> (1) <u>6U8</u>;</p> <p>IF: (2) <u>6AU6</u> (1) <u>6BN6</u></p> <p>MPX: (1) <u>6BL8</u> (2) <u>12AU7</u></p> <p>C-55 "Stereo Guide": (1) <u>6AV6</u></p> <p>AF AMP: (1) <u>12AT7</u></p> <p>Rectifier: (1) <u>6X4</u></p>
<p><u>350B</u></p>		<p>FM-MPX-Stereo Tuner</p>	<p>1962-1963</p>	<p>\$200</p>	<p><u>See "Editor's Picks"</u></p> <p>The 350B added front panel Tape Output jack,</p> <p>The "Sonic Monitor" switch replaced level control and "Stereo Guide," was absent.</p> <p>Selenium rectifier for B+,</p> <p><u>also see Kit version, LT-110,</u></p> <p>used wide "C" Case/chassis</p>	<p>9 tubes:</p> <p>Front End: (1) <u>6BS8/6BQ7A</u> (1) <u>6U8</u>;</p> <p>IF: (3) <u>6AU6</u></p> <p>MPX: (1) <u>6BL8</u> (2) <u>12AU7</u></p> <p>AF AMP: (1) <u>12AT7</u></p> <p>(1) Selenium Bridge</p>
<p><u>350C</u></p>		<p>FM-MPX-Stereo Tuner</p>	<p>1963-1964</p>	<p>\$220</p>	<p>The 350C added the new "Extruded" Front Panel Styling</p> <p>(Capped ("Pegless") Tuning Knobx),</p> <p>Dark Brown Tuning Dial background,</p> <p><u>also see Kit version, LT-110B,</u></p> <p>used wide "C" Case/chassis</p>	<p>9 tubes:</p> <p>Front End: (1) <u>6BS8/6BQ7A</u> (1) <u>6U8</u>;</p> <p>IF: (1) 6EJ7/EF-184 (1) <u>6AU6</u> (1) <u>6U8</u></p> <p>MPX: (1) <u>6BL8</u> (2) <u>12AU7</u></p> <p>AF AMP: (1) <u>12AT7</u></p> <p>(1) Selenium</p>

						Bridge
<u>350D</u>		FM-MPX-Stereo Tuner	1964-1967	\$225	<p>Final evolution of the 350-series.</p> <p>Only Scott FM Tuner to use sidewinder mounted tuning gang.</p> <p>The 350D added Auto-Sensor Mono/MPX switching using the revised Z-MX-8 section, derived from 340B receiver</p> <p>The 350D also featured a selectable Multipath or Signal Strength "Magic-eye" <u>6HU6/EM87</u> indicator</p> <p>Slide Rule Tuning Dial (as introduced on 340B and shared with later solid-state models)</p> <p>Extruded Front Panel styling</p> <p>used wide "C" Case/chassis</p>	<p>9 tubes:</p> <p>Front End: <u>6BS8</u> - V201 <u>6U8</u> - V202</p> <p>3-tube, IF: <u>6EJ7</u> - V1 <u>6HS6</u> - V2 <u>6U8</u> - V3</p> <p>3-tube MPX section, Z-MX-8: <u>12AT7</u> - V501 <u>6KE8</u> - V502 <u>12AX7</u> - V503</p> <p>Tuning-Multipath Indicator: <u>6HU6/EM87</u> - V4</p> <p>(1) Selenium Bridge</p>
<u>370</u>		FM-MPX-Stereo Tuner	1962-1963	\$150	<p>The 370 was Scott's low-cost Stereo-MPX tube tuner design, marketed along side the more expensive 350B/C, 310E, and 4310</p> <p>The 370 featured low-cost, Compactron Tubes (6M11 & 6AG11), also use in the <u>345</u> receiver.</p> <p>370's were unique in their use of vacuum tube diodes in the multiplex decoder switching matrix.</p> <p>A <u>6HU6/EM87</u> tuning-eye tube was used for the tuning meter</p> <p>Visually the front panel is very similar to FM-mono 314, the 370 uses a "tighter" (one-piece) tuning-eye aperture</p> <p><u>also see</u> <u>Kit version, LT-111,</u></p> <p>used wide "C" Case/chassis</p>	<p>7 tubes:</p> <p>Front End: (1) <u>6M11</u></p> <p>IF: (2) <u>6AU6</u> (1) <u>6HS6</u></p> <p>MPX: (1) <u>6HU6/EM87</u> (1/2) <u>6AG11</u></p> <p>AF AMP: (1/2) <u>6AG11</u></p> <p>(1) <u>6X4</u></p>
<u>370B</u>		FM-MPX-Stereo Tuner	1963-1965	\$150	<p>As 370(A) above, with identical circuitry; but with updated Extruded Front Panel Styling</p>	<p>7 tubes:</p> <p>Front End: (1) <u>6M11</u></p> <p>IF: (2) <u>6AU6</u> (1) <u>6HS6</u></p>

						MPX: (1) <u>6HU6/EM87</u> (1/2) <u>6AG11</u> AF AMP: (1/2) <u>6AG11</u> (1) <u>6X4</u>
<u>4310</u>		Broadcast Monitor Series FM-MPX Stereo Tuner	1963-1965	\$475.00	Flagship Scott Tube FM-MPX Tuner Separate Left/Right VU Meters Separate Left/Right and Master Level Controls Diversity Reception Switch Stereo Threshold and DINS (squelch), Relay-switched mono/stereo operation used large format "G" case, as did <u>272, 296, 340, 355</u> types 22 lbs.	20 tubes: (4) <u>6AU6</u> (2) <u>12AU7</u> (4) 7247/12DW7 (1) <u>6BS8</u> (2) 6JU8 (1) <u>6BL8</u> (2) 6T8 (1) 12BH7 (1) <u>6BN6</u> (1) <u>6AL5</u> (1) <u>6U8</u> (2) Selenium Rectifiers