

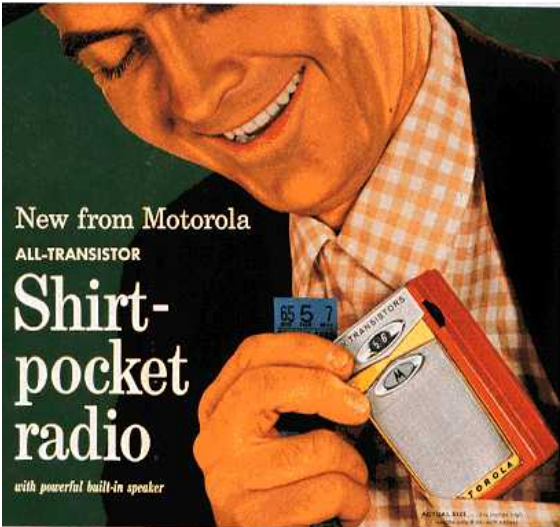
# The UltraLight Radio Gallery

Recognized by the Definitions Committee as of 4/25/2010

Performance criteria evaluated: Sensitivity, selectivity, null depth, AGC, audio quality, defects (images, spurs/birdies, bleed-over), digital tuning noise and quality control record.

What the grades mean:

- A – Best of Any Ultralight
- B – Very Good
- C – So-so
- D – A Definite Liability
- F – Disaster



**Tecsun PL-380**  
*DSP selectivity, less soft mute!*

Sen	Sel	Null	AGC	Aud	Def	N	QC
A-	A	B	B	A-	C	A-	B



**Tecsun PL-310**  
*Sensitivity and selectivity co-champion, amazing FM*

Sen	Sel	Null	AGC	Aud	Def	N	QC
A	A	B	B	A-	C	A-	B



**Kchibo D96L**  
*Sensitivity and selectivity co-champion*

Sen	Sel	Null	AGC	Aud	Def	N	QC
A	A	B+	B	A-	B	B	A



**Grundig G8 (Tecsun PL-300WT)**  
*DSP selectivity, amazing FM*

Sen	Sel	Null	AGC	Aud	Def	N	QC
B	A-	B	B	A-	C	A-	B



### Sony SRF-T615

*Very sensitive, luxury DXing*

Sen	Sel	Null	AGC	Aud	Def	N	QC
A-	C	A	A	A	C	A	A

### Tecsun PL-360

*Innovative design  
DSP selectivity  
Easy to connect  
a different antenna*



Sen	Sel	Null	AGC
B	A-	B	B
Aud	Def	N	QC
A-	C	A-	B



### Eton e100 (Tecsun PL-200)

*Good all-around receiver, shines when modified \*\**

Sen	Sel	Null	AGC	Aud	Def	N	QC
B+	*B+	B	B+	B	A	A-	B



### C Crane SWP (Redsun RP-300)

*Capable receiver, shines when modified*

Sen	Sel	Null	AGC	Aud	Def	N	QC
B+	*C+	B	B	B	B	B-	B



### Sangean DT-210V

*Good all-around receiver*

Sen	Sel	Null	AGC	Aud	Def	N	QC
B	B-	B	B	A	B+	B	B-



### Sangean DT-400W

*Very sensitive, great audio*

Sen	Sel	Null	AGC	Aud	Def	N	QC
A-	*C+	B	A-	A	A	A	A-



### SRF-M37V/W

*Excels outside of urban areas*

Sen	Sel	Null	AGC	Aud	Def	N	QC
B	*F	B	B+	A	*F	A-	A



### Sangean DT-200VX

*Good all-around receiver*

Sen	Sel	Null	AGC	Aud	Def	N	QC
B	*C+	B	A-	A	A-	A	A-



### Kaito WRX-911 (Tecsun R-911)

*Nulling champion, budget DXer's delight*

Sen	Sel	Null	AGC	Aud	Def	N	QC
B	B-	A	B	B	A-	n/a	B



### Tecsun R-912/R-9012

*Nulling champion, budget DXer's delight*

Sen	Sel	Null	AGC	Aud	Def	N	QC
B+	B-	A	B	B	A-	n/a	B



SRF-39



SRF-85



SRF-49



SRF-59

### The Sony SRF-39 Series

Sen	Sel	Null	AGC	Aud	Def	N	QC
B+	B-	A	B	A-	A-	n/a	B





SRF-S80



SRF-S83



SRF-S84



SRF-87

### The Sony "Ultralighter" Group

Sen	Sel	Null	AGC	Aud	Def	Noise	QC
<b>B</b>	<b>B-</b>	<b>A</b>	<b>B</b>	<b>A</b>	<b>A-</b>	n/a	<b>B</b>

### Best In Class Summary

<b>Most Sensitive</b>	Kchibo D96L, Tecsun PL-310
<b>Most Selective</b>	Kchibo D96L, Tecsun PL-310, Tecsun PL-380
<b>Best Nulling Ability</b>	Tecsun R911/R912, most Sony SRF units
<b>Best AGC</b>	Sony SRF-T615
<b>Best Audio</b>	Sony SRF-T615, SRF-S84 and M37V, Sangean DT-200VX, 210V and DT-400W
<b>Least Defects</b>	Eton e100, Sangean DT-400W
<b>Least Digital Tuning Annoyance</b>	Sony T615, Sangean DT200VX/DT400W, Degen DE1123
<b>Best Quality Control Record</b>	Sony SRF-M37V and SRF-T615 Kchibo D96L, Degen DE1123

### Untested Ultralights

Degen DE-312	Kchibo KK-225	Sangean DT-300
Tecsun DR-920/G1100	Nexxtech 201-9001	Sangean SR-33
Grundig Etraveller VII	Sangean ATS-202	Tecsun R919/Grundig 300
Kaide KK-9702	Sangean MS-101	Tecsun R-9701/9702/9710
Kaito KA-802	Sangean SR-2, 25V, 3	Tecsun R202T, R212T

### "Turkey" Ultralights

COBY CX-CB90	Kaito/Degen KA-11, KA-1101	Radio Shack 12-467
CountyComm GP-4L	Kaito KA 208	Redsun RF-1201
Degen DE-205	Kaito KA 105	Sangean DT-110, 120, 180, 220V
Degen DE1123	Kchibo D92L	Sony SRF-M97
Grundig Mini 100/200	Kchibo KK-989	Sony ICF-S10MK2
Grundig Mini 300	Kchibo KK-E200	Sony SRF-M85V
jWin JX-M14, JX-M16	Panasonic RFP50	

### NOTES

- \* DXers have retrofitted this unit with a new filter to substantially improve performance – see Dxer.ca and Yahoo group for more details
- \*\* Newer e100 sets (serial numbers starting with the digit 7 rather than the 4 or 5) should be avoided as they are actually electronically very different from most e100s and are not amenable to modification.

**The Shoot-Out results upon which this is based, plus tips on using and modifying Ultralights, are available on the Yahoo UltralightDX group and on Dxer.ca.**