




Kenwood XLS vs Motorola CLS

BRS Comparison Sheet

Model Name	Kenwood TK-3230	Motorola CLS1110	Motorola CLS1410
Design			
MSRP	\$225	\$169	\$189
Housing	EXTRA Durable Polycarbonate	Plastic	Plastic
Dimension (HxWxDmm)	2.07"W x 1.13" D x 4.07"H H103.5(w/o Vol), H 163.5(w/Ant)	2"W x 1" D x 6"H H129 (Incl. Ant)	2"W x 1" D x 6"H H129 (Incl. Ant)
w/Battery	D28.7 w/New Li-ion	D27 w/Li-Ion	D27 w/Li-Ion
Weight	5.5oz w/Li-ion	5 oz w/Li-Ion	5 oz w/Li-Ion
Antenna	Fixed - Very Durable	Fixed	Fixed
Audio Accessory Jack	2 pin	2 Pin	2 Pin
Power supply	Li-ion (2000mAh)	Li-Ion(1100mAh) 3-AAA(need Acc)	Li-Ion(1100mAh) 3-AAA(need Acc)
TX Power	1.5 W / 0.5W	1W	1W
Channels	6ch (Up/Down Key)	1ch (Up/Down Key)	4ch (Up/Down Key)
Frequency Range (Pre-installed Channels)	460-470 (64 ch)	460-470 (56 ch.)	460-470 (56 ch.)
Battery Life(5,5,90) w/Re-chargeable Li-Ion Battery w/Alkaline Battery	Min: 14 h w/Li-Ion (Save Off) None	12 h w/Li-Ion(1100mAh/3.6V) 10 h w/AAA Alkaline	12 h w/Li-Ion(1100mAh/3.6V) 10 h w/AAA Alkaline
Battery charge time	2 1/2 Hrs	3-6 Hrs	3-6 Hrs
Main Feature			
LCD	7seg/ 4digit	7seg / 1digit	7seg / 1digit
Backlit LCD	yellow green	-	-
Battery Status Indicator	3 levels	3 levels	3 levels
Scan	X	-	X
Built-in Voice Scrambler	X	-	-
Built-In VOX	X (w/Acc)	-	X w/acccy
Adjustable Mic Sense	X (Normal/High)	X (High/Mid/Low)	X (High/Mid/Low)
Programmable Key	Call, Ch up/down, Menu, Moni	Call, Ch up/down, Menu, Moni	Call, Ch up/down, Menu, Moni
Clone	X (wireless)	X (Multi-Unit Charger Required)	X (Multi-Unit Charger Required)
FleetSync	X	-	-
No of ID	32	-	-
Selectable Call alert	X	-	-
Caller ID Number Display	X	-	-
Battery Save	X	X (Default: On)	X (Default: On)
TOT	X	X	X
Compander	X (On or OFF)	X	X
Call Tone	X (10)	X (3)	X (3)
Busy Channel Lock-out	On/Off	-	-
Key Lock	X	X	X
Super Lock	X	-	-
All Reset	X	-	-
Vibration Call alert	-	-	yes
Speaker On or OFF (By dealer only function)	X	-	-
Self Programming			
	Setting Mode/User Mode (Freq, QT/DQT, call alert, VOX gain Key assign, Scramble, Battery save, TX power, call tone type, TOT... FleetSync)	Freq, QT/DQT, Call tone, Mic gain	Freq, QT/DQT, Call tone, Mic gain
Signaling			
QT	39 tones (+Off), Enc=Dec	38 tones	38 tones
DQT	83 codes (+Off), Enc=Dec	83 codes	83 codes
Standards			
MIL-STD	8 Items	-	-
IP	X (IP22)	-	-
Others			
Warranty	2 year	1 year	1 year