



DB-100 Digital Desktop Radio

The style you want with the performance you need. The DB-100 digital desktop radio kit is designed around the Motorola DLR1020™ and DLR1060™ radio, providing dependability you can count on. Flexible mounting options allows for easy installation and placement. The rugged yet sleek design will fit in anywhere, providing instant communication with your work team at the push of a button.

No FCC license required, with battery backup for up to 14Hr operation without A/C power, anywhere you need it, when you need it. The DB-100 is designed to blend with your work environment, whether it is sitting on the customer service front desk or mounted to a wall in the stock room.

Compatible with Motorola DLR™ and DTR™ series radios.

DB-100 spec sheet

GENERAL SPECIFICATIONS	CW-DB1020	CW-DB1060
Transceiver	Motorola DLR1020	Motorola DLR1060
Operating Frequency	900 MHz ISM FHSS	900 MHz ISM FHSS
Channels	2	6
Power Supply	DC 5V 850mA	DC 5V 850mA
Operating Voltage	3.7V +/- 0.5V	3.7V +/- 0.5V
Battery	1800mAH Li-Ion	1800mAH Li-Ion
Backup Battery Life @ 5-5-90 Duty Cycle	14 hours	14 hours
Transceiver FCC Designation	AZ489FT5871	AZ489FT5871
Transceiver IC Designation	109U-89FT5871	109U-89FT5871
Dimensions HxWxD	6.8"x 4.3"x1.5 "	6.8"x 4.3"x1.5 "
Weight (without battery)	6.8 oz	6.8 oz
Talk Range	250K sq ft/ 20 Floors	250K sq ft/ 20 Floors
Operating Temperature (Transceiver)	-30C to +60C	-30C to +60C
Charging Temperature	0C to +40C	0C to +40C
Storage Temperature	-40C to +85C	-40C to +85C
TRANSCIEVER SPECIFICATIONS		
Transmitter Output Power	1W	1W
Receive Sensitivity (3% BER)	-125dBm	-125dBm
Channel Spacing	50KHz	50KHz
Audio Output @ 5% Distortion	750 mW	750 mW
TX Audio Distortion	<3%	<3%
TX ACCPR	-50dBc	-50dBc
Frequency Stability (-30 C to +60 C)	+/- 1PPM	+/- 1PPM
Spurious Harmonics	54 dBuV/m (3m)	54 dBuV/m (3m)
Spurious Rejection	75dB	75dB
Blocking	80dB	80dB
Modulation	8-Level FSK	8-Level FSK