

SVB | Radiocom

DM600

Mobile radio
66-88MHz



DM600

The DM600 is an analog/digital mobile radio operated on the 66 - 88MHz band.

It provides a clear audio and is easy to navigate through your channels and menu settings, thanks to its display and limited keypad.

If needed, you can easily install it in your car, truck or excavator together with included assembly kit or with the optional DIN frame.

It is programmable, so that you can configure it with your desired frequencies and channel plan.

The optional control head is perfect to use for installation in tight spaces.



General

Power Supply	13.6V Dc±20%
Frequencies-Full Bandsplit	66-88 MHz
Number of Channels	1000 Channels
Maximum number of Zones	250 Zones (LCD)
Maximum number of Channels Per Zone	999 + 1
Channel Spacing	12.5/25kHz
Operating Temperature	-30°C ~ +60°C
Dimensions: HxWxD (mm) With the remote header	45mm X 160 X 175
Weight: (g)	1180g
Not With including installation	

Transmitter

Frequency Stability (-30°C to 60°C, 25°C Ref)	1.0 ppm
Power Output	5W / 10W / 25W
Modulation Limiting	± 2.5kHz@12.5kHz/±5kHz@25kHz
FM Hum & Noise	-40dB@12.5kHz/-45dB@25kHz
Conducted/Radiated Emission	-36dBm<1GHz, -30dBm>1GHz
Adjacent Channel Power	-60dB@12.5kHz -70dB@25kHz
FM Modulation Mode	12.5KHz: 11K0F3E/25KHz: 16K0F3E
4FSK Digital Mode	12.5KHz (data only) : 7K60FXD 12.5KHz (data+voice) : 7K60FXE
4FSK Modulation Accuracy	5%@25°C, 10%@extreme temperature
Audio Response (300-3000Hz)	+1~-3dB
Digital Protocol	ETSI TS 102 361-1, -2, -3
Audio Distortion	<3%
Vocoder	AMBE+2™
Ext. Connector	DB15

Receiver

Analog Sensitivity	0.35 µV/-116dBm (20dB SINAD) 0.22 µV/-120dBm (12dB SINAD)
Digital Sensitivity	0.22 µV/-120dBm (BER 5%) 0.25 µV/-118dBm (BER 1%)
Intermodulation	TIA603 70dB; ETSI 65dB
Adjacent Channel Selectivity	TIA603C 70dB; TESI:70dB@25kHz TIA603C 60dB; TESI:60dB@12.5kHz
Spurious Rejection	TIA603C: 75dB; ETSI: 70dB
Blocking	84dB
Rated Audio/MAX Audio	2W / 3W
Audio Distortion@Rated Audio	3%
Audio Response (300-3000Hz)	+1~-3dB
Conducted Spurious Emission	-57dBm<1GHz, -47dBm>1GHz ETS300086