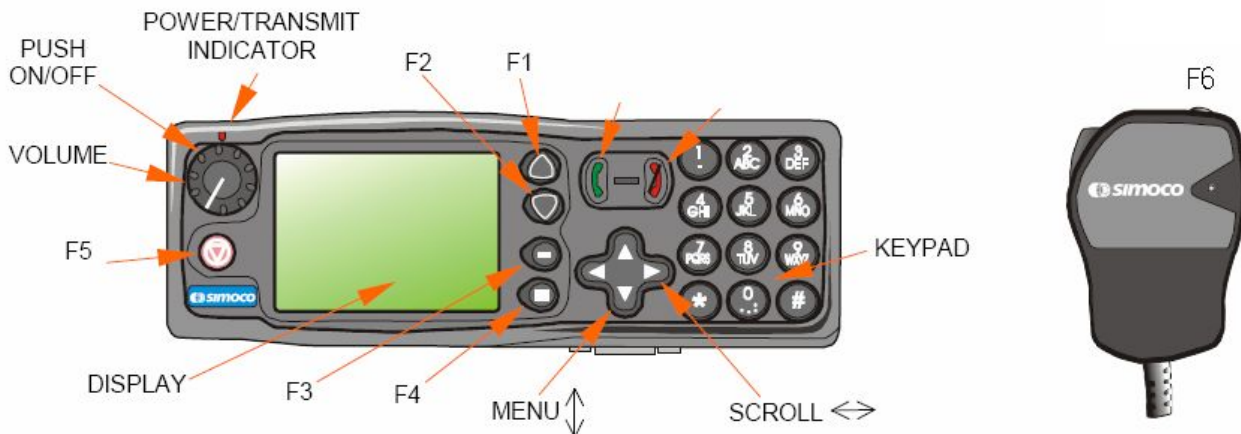


Simoco SRM9030 LowBand 4metres Mobile Radio



E0 Band Transceiver range is 68-88MHz @ 25 Watts

Volume Control is also PUSH for Power On / Off (if pin 3 of 15 way d-plug is connected to the ignition line the radio will automatic power up .. can be set to instant power down or after xx minutes .. programmable)

(41 Channels pre-programmed with CTCSS tones into radio)

F1 ▲ Chn Up ... Channel Up

F2 ▼ Chn Dn ... Channel Down

F3 — High Power 25W or Low Power 5W

F4 ■ Scan (12 channels included in scan ... see list .. maximum of 16 channels possible in software)

F5 Δ Keyboard Lock / Unlock

F6 (which is the top button on the fist microphone) .. Channel Up Button

Pressing any digit on the keypad *0123456789# transmits DTMF to air

Green and Red Handset Icons not programmed

Pressing SCROLL (◀ ▶) left / right on cursor selects:-
Channels Up and Down

Pressing MENU (▲ ▼) up / down on cursor selects:-

1. User CTCSS

Either the Channel Default or Select

If using the radio away from the Thames Valley area and you require a different CTCSS tone from the default pre-programmed setting this menu allows to choose an alternative CTCSS tone.

2. RSSI

Received Signal Strength Indicator. Display is in dBm (decibels relative to 1mW)

3. SETUP

Once active use the SCROLL (◀ ▶) left / right cursor keys to select options

USER OPTIONS –

Key Beeps On/Off

Backlight On/Off

Dual Watch (Background Scan) not programmed

DTMF On/Off .. if switched on pressing keypad *0123456789# transmits DTMF to air

CONTRAST – Range 0 to 10 Default is 4

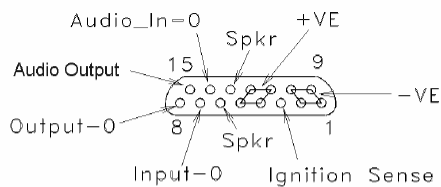
MUTE ADJUST – Range 0 to 15 Default is 4 Adjust Squelch Level

ALERT VOLUME – Range -31 to +31 Default is 4 Adjust Beep Levels of Alert Tones

INFO – Shows software version (v5.72) and radio serial number alternatively

No	Rx/Tx	CTCSS	Display	Scan	Use
0	70.0125		70.0125		
1	70.0250		70.0250		
2	70.0300		70.030 bcon	Yes	Personal Beacons
3	70.0375		70.0375		
4	70.0500		70.0500		
5	70.0625		70.0625		
6	70.0750		70.0750		
7	70.0875		70.0875 psk		PSK31 Centre of Activity
8	70.1000		70.1000		
9	70.1125		70.1125		
10	70.1250		70.1250		
11	70.1375		70.1375		
12	70.1500		70.1500 ms		Meteor Scatter Calling Channel
13	70.1625		70.1625		
14	70.1750		70.1750		
15	70.1875		70.1875 xb		Crossband Activity Centre
16	70.2000		70.2000 ssb		SSB / CW Calling
17	70.2125		70.2125		
18	70.2250		70.2250		
19	70.2375		70.2375		
20	70.2500		70.2500		
21	70.2600		70.2600 am	Yes	AM / FM Calling Channel
22	70.2625		70.2625		
23	70.2750		70.2750		
24	70.2875		70.2875		
25	70.3000		70.3000 fax		RTTY / Fax Calling
26	70.3125		70.3125		
27	70.3250		70.3250 dx		DX Cluster
28	70.3375		70.3375 digi		Digital Modes
29	70.3500		70.3500 inet	Yes	Internet Linking
30	70.3625		70.3625 inet	Yes	Internet Linking
31	70.3750		70.3750 ray	Yes	Raynet
32	70.3875		70.3875 inet	Yes	Internet Linking
33	70.4000		70.4000 ray	Yes	Raynet
34	70.4125	118.8	70.4125 rog	Yes	Internet Linking G8ROG
35	70.4250		70.4250club	Yes	RADARC Club Tues 21:30pm / GB2RS News
36	70.4375		70.4375 7fm	Yes	MB7FM Simplex Repeater Tring
37	70.4500		70.4500 call	Yes	FM Calling Channel
38	70.4625		70.4625 digi		Digital Modes
39	70.4750		70.4750	Yes	
40	70.4875		70.4875 digi		Digital Modes
41			Scan 4m		Scan 12 channels from above list (max 16)

Connections



Viewed looking into Connector
on rear of Transceiver

Name	DB15 Pin numbers
-VE (Gnd)	1, 2, 9, 10
+VE (+13.8V)	4, 5, 11, 12
Speaker	6, 13
General Input-0 (PTT/RTS)	7
General Output-0 (CD/CTS)	8
Ignition_Sense Input	3
Audio Output	15
Audio_In0 (Handsfree Mic)	14



Viewed looking into
Connector on front of Transceiver

Name	Front Pin numbers
Tx-Data (0,5V)	1
Rx-Data (0,5V)	2
On/Off input	3
Mic Ground	4
+13.8V (Switched OP)	5
Handset Audio OP (Flat)	6
GROUND	7
Mic Audio IP (Pre-emp or Flat)	8