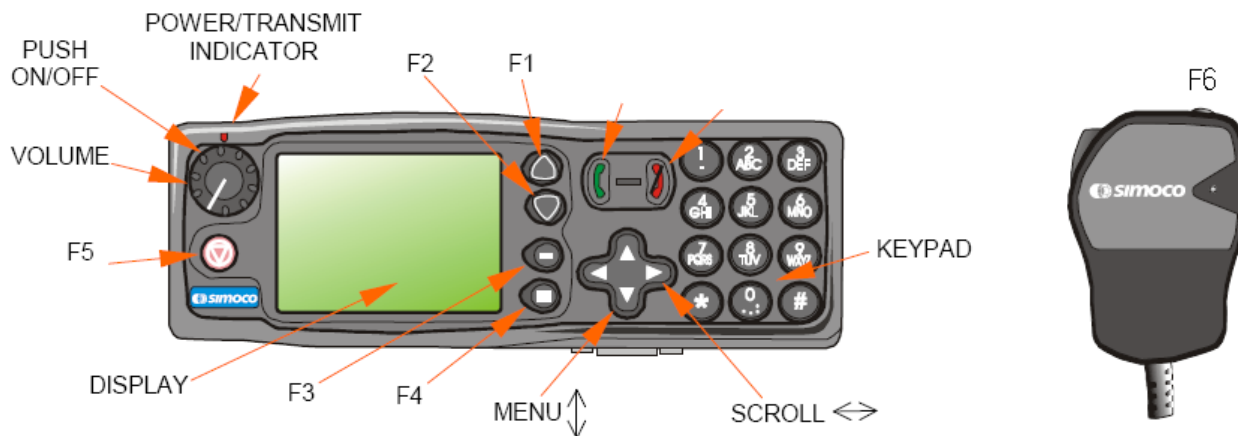


Simoco SRM9030 UHF 2m Mobile Radio



AC Band Transceiver range is 136-174MHz @ 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)

(56 Channels pre-programmed with CTCSS tones into radio + Scan Channel)

F1 ▲ Chn Up ... Channel Up

F2 ▼ Chn Dn ... Channel Down

F3 – High Power 25W or Low Power 5W

F4 ■ Reverse Repeater On/Off ... Listen on input function

F5 Δ Keyboard Lock / Unlock

F6 (which is the top button on the fist microphone) transmits 1750Hz tone burst for 0.6 Seconds when pressed (silently)

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

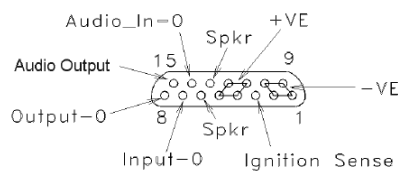
MUTE ADJUST – Range 0 to 15 Default is 4 Adjust Squelch Level

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

INFO – Shows software version (v6.56) and radio serial number alternatively

No	Rx	Tx	CTCSS	Display	Scan	Use
1	144.6250	144.6250		144.625Ray		Raynet
2	144.6500	144.6500		144.650Ray		Raynet
3	144.6750	144.6750		144.675Ray		Raynet
4	144.7500	144.7500		144.750Atv		ATV
5	144.7750	144.7750		144.775Ray		Raynet
6	144.8000	144.8000		144.800aprs		APRS
7	144.8250	144.8250		144.8250		Simplex Gateways
8	144.8375	144.8375		144.8375		Simplex Gateways
9	145.2000	145.2000		145.2000s8		S8
10	145.2125	145.2125		145.2125v17		V17
11	145.2250	145.2250		145.2250s9		S9
12	145.2375	145.2375		145.2375v19		V19 Internet Voice Gateway
13	145.2500	145.2500		145.2500s10		S10 Slow Morse Transmissions
14	145.2625	145.2625		145.2625v21		V21
15	145.2750	145.2750		145.2750s11		S11
16	145.2875	145.2875		145.2875v23		V23 Internet Voice Gateway
17	145.3000	145.3000		145.3000s12		S12
18	145.3125	145.3125		145.3125v25		V25
19	145.3250	145.3250		145.3250s13		S13
20	145.3375	145.3375		145.3375v27		V27 Internet Voice Gateway
21	145.3500	145.3500		145.3500s14		S14
22	145.3625	145.3625		145.3625v29		V29
23	145.3750	145.3750		145.3750s15		S15
24	145.3875	145.3875		145.3875v31		V31
25	145.4000	145.4000		145.4000s16		S16
26	145.4125	145.4125		145.4125v33		V33
27	145.4250	145.4250		145.4250s17		S17
28	145.4375	145.4375		145.4375v35		V35
29	145.4500	145.4500		145.4500s18		S18
30	145.4625	145.4625		145.4625v37		V37
31	145.4750	145.4750		145.4750s19		S19
32	145.4875	145.4875		145.4875v39		V39
33	145.5000	145.5000		145.5000s20		S20 Calling Channel
34	145.5125	145.5125		145.5125v41		V41
35	145.5250	145.5250		145.5250s21		S21 GB2RS News
36	145.5375	145.5375		145.5375v43		V43
37	145.5500	145.5500		145.5500s22		S22 Rally Talk In
38	145.5625	145.5625		145.5625v45		V45
39	145.5750	145.5750		145.5750s23		S23
40	145.5875	145.5875		145.5875v47		V47
41	145.6000	145.6000	82.5	145.6000EL		GB3EL East London
42	145.6125	145.6125	77.0	145.6125TO		GB3TO Swindon
43	145.6250	145.6250	88.5	145.6250MH		GB3MH East Grinstead
44	145.6375	145.6375		145.6375RN		GB7RN Fareham
45	145.6500	145.6500	118.8	145.6500WH		GB3WH Swindon
46	145.6625	145.6625	71.9	145.6625SH		GB3SH Southampton
47	145.6750	145.6750	118.8	145.6750RD		GB3RD Reading
48	145.6875	145.6875	82.5	145.6875XP		GB3XP Morden
49	145.7000	145.7000	118.8	145.7000VA		GB3VA Brill
50	145.7125	145.7125	77.0	145.7125CG		GB3CG Woburn Sands
51	145.7250	145.7250	71.9	145.7250SN		GB3SN Alton
52	145.7375	145.7375	77.0	145.7375AL		GB3AL Amersham
53	145.7500	145.7500	88.5	145.7500WS		GB3WS Crawley
54	145.7625	145.7625	118.8	145.7625NE		GB3NE Newbury
55	145.7750	145.7750	82.5	145.7750NL		GB3NL North London
56	145.7875	145.7875	88.5	145.7875EB		GB3EB New Haven

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