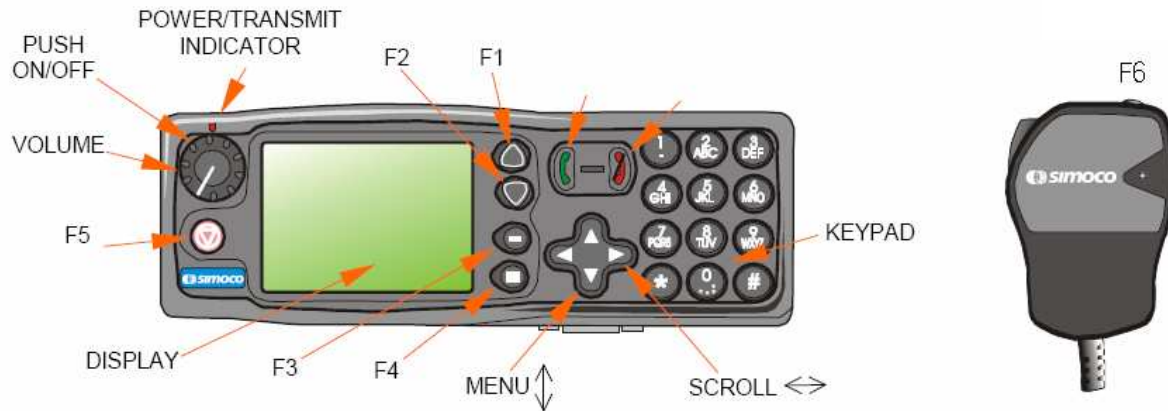


Simoco SRM9030 UHF 70cms Mobile Radio



TK Band Transceiver range is 400-450MHz @ 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)

(65 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 △ 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

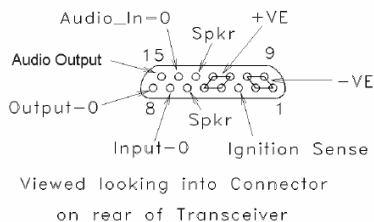
MUTE ADJUST – Range 0 to 15 Default is 4 Adjust Squelch Level

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

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

No	Rx	Tx	CTCSS	Display	Scan	Use
0	430.0125	430.0125		430.012inet		Internet Link
1	430.0250	430.0250		430.025inet		Internet Link
2	430.0375	430.0375	77.0	430.037deo	Yes	Internet Link G0DEO Feltham
3	430.0500	430.0500		430.050inet		Internet Link
4	430.0625	430.0625		430.062inet		Internet Link
5	430.0750	430.0750		430.075snt	Yes	Internet Link G4SNT Twickenham
6	430.8250	438.4250		RU66		RU66
7	430.8500	438.4500	110.9	RU68 BZ		RU68 BZ (Braintree)
8	430.8625	438.4625	88.5	RU69 LR		RU69 LR (Newhaven)
9	430.8750	438.4750		RU70		RU70
10	430.8875	438.4875	103.5	RU71 EK		RU71 EK (East Kent)
11	430.9000	438.5000	82.5	RU72 OK		RU72 OK (Bromley)
12	430.9125	438.5125	118.8	RU73		RU73
13	430.9250	438.5250	82.5	RU74 NS		RU74 NS (Banstead)
14	430.9500	438.5500	71.9	RU76 FJ		RU76 FJ (Winceby)
15	430.9750	438.5750	110.9	RU78 KK		RU78 KK (Ballycastle)
16	431.0750	431.0750		431.075inet		Internet Link
17	431.1000	431.1000		431.100inet		Internet Link
18	431.1250	431.1250		431.125inet		Internet Link
19	431.1500	431.1500		431.150inet		Internet Link
20	431.1750	431.1750		431.175inet		Internet Link
21	431.2000	431.2000		431.200inet		Internet Link
22	431.2250	431.2250		431.225inet		Internet Link
23	432.7250	432.7500		BH DTMF	Yes	GB3BH DTMF Control
24	432.7500	432.7500		HV DTMF	Yes	GB3HV DTMF Control
25	433.0000	434.6000	118.8	RB0 BN	Yes	RB0 BN (Bracknell)
26	433.0250	434.6000	82.5	RB1 BV		RB1 BV (Hemel Hempstead)
27	433.0500	434.6500	88.5	RB2 NX		RB2 NX (Crawley)
28	433.0750	434.6750	82.5	RB3 HL	Yes	RB3 HL (Haves)
29	433.1000	434.7000	103.5	RB4 NK		RB4 NK (Erith)
30	433.1250	434.7250	88.5	RB5 HY		RB5 HY (Haywards Heath)
31	433.1500	434.7500	82.5	RB6 LW		RB6 LW (London Weekend)
32	433.1750	434.7750	82.5	RB7 AU	Yes	RB7 AU (Amersham)
33	433.2000	434.8000	71.9	RB8 SU		RB8 SU (Southampton)
34	433.2250	434.8250	77.0	RB9 TU	Yes	RB9 TU (Tring)
35	433.2500	434.8500	71.9	RB10 AW		RB10 AW (Newbury)
36	433.2750	434.8750	82.5	RB11 HN		RB11 HN (Hitchin)
37	433.3000	434.9000	88.5	RB12 GF		RB12 GF (Guildford)
38	433.3250	434.9250	82.5	RB13 ET		RB13 ET (Winchester)
39	433.3500	434.9500	82.5	RB14 HR		RB14 HR (Stanmore)
40	433.3750	434.9750	82.5	RB15 FN	Yes	RB15 FN (Farnham)
41	433.4000	433.4000		SU16		SU16 Simplex
42	433.4250	433.4250		SU17		SU17 Simplex
43	433.4500	433.4500		SU18		SU18 Simplex
44	433.4750	433.4750		SU19		SU19 Simplex
45	433.5000	433.5000		SU20 call	Yes	Calling Channel
46	433.5250	433.5250		SU21		SU21 Simplex
47	433.5500	433.5500		SU22 rally	Yes	SU22 Simplex Rally Talk-In
48	433.5750	433.5750		SU23		SU23 Simplex
49	433.6000	433.6000		SU24		SU24 Simplex
50	433.7000	433.7000		433.700 ray		Raynet
51	433.7250	433.7250		433.725 ray		Raynet
52	433.7500	433.7500		433.750 ray		Raynet
53	433.9500	433.9500		433.950inet		Internet Link
54	433.9625	433.9625		433.962inet		Internet Link
55	433.9750	433.9750		433.975inet		Internet Link
56	433.9875	433.9875		433.987inet		Internet Link
57	434.0000	434.0000		434.000inet		Internet Link
58	434.0250	434.0250		434.025inet		Internet Link
59	434.0500	434.0500		434.050inet		Internet Link
60	434.2250	434.2250		434.225mcM	Yes	McMichael Rally Channel
61	434.4500	434.4500		434.450tipp		Crossband Repeater Tipperary
62	434.4750	434.4750		434.475 fly	Yes	Internet Link G4FLY Reading
63	434.5000	434.5000	77.0	434.500 rdi		Internet Link G0RDI Amersham
64	434.5250	434.5250	118.8	434.525 roq	Yes	Internet Link G8ROG Caversham
65	438.2500	438.2500		438.25c54	Yes	Channel 54 Maidenhead / Slough Net
66				Scan 70cms		Scan 15 channels from above list (max 16)

Connections



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



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