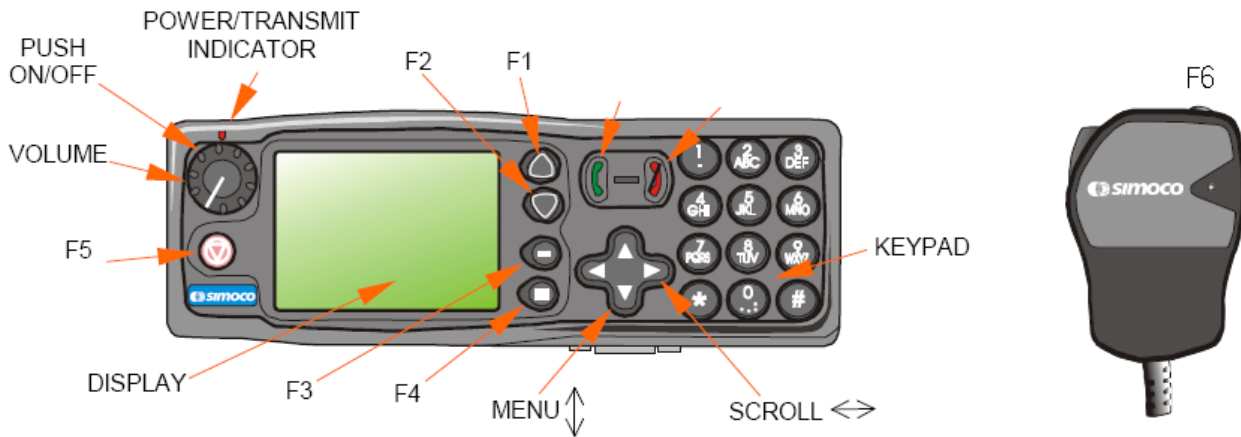


Simoco SRM9030 UHF 70cms Mobile Radio



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 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

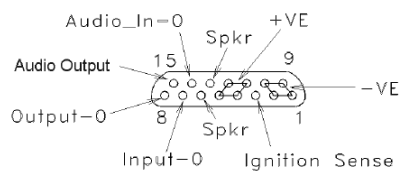
MUTE ADJUST – Range 0 to 15 Default is 4 Adjust Squelch Level

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

INFO – Shows software version (v6.05) and radio serial number alternatively

No	Rx	Tx	CTCSS	Displav	Scan	Use
1	430.8125	438.4125	67.0	RU65 CV		RU65 CV (Coventry)
2	430.8250	438.4250	77.0	RU66 CP	Yes	RU66 CP (Slough)
3	430.8375	438.4375	94.8	RU67 EU		RU67 EU (Edinburgh)
4	430.8500	438.4500	88.5	RU68 NX		RU68 NX (Crawley)
5	430.8625	438.4625	88.5	RU69 LR		RU69 LR (Newhaven)
6	430.8750	438.4750	77.0	RU70 BL		RU70 BL (Bedford)
7	430.8875	438.4875	88.5	RU71 HO		RU71 HO (Horsham)
8	430.9000	438.5000	103.5	RU72 BK		RU72 BK (Bromley)
9	430.9125	438.5125	118.8	RU73 ML	Yes	RU73 ML (Staines Upon Thames)
10	430.9250	438.5250	118.8	RU74 NT	Yes	RU74 NT (Newbury)
11	430.9375	438.5375	71.9	RU76 SZ		RU75 SZ (Poole)
12	430.9500	438.5500	82.5	RU76 OY		RU76 OY (Buckhurst Hill)
13	430.9625	438.5625	67.0	RU77 EH		RU77 EH (Banbury)
14	430.9750	438.5750	88.5	RU78 WO		RU78 WO (Worthing)
15	430.9875	438.5875	71.9	RU79 DZ		RU79 DZ (Derby)
16	433.0000	434.6000	118.8	RB0 BN	Yes	RB0 BN (Bracknell)
17	433.0250	434.6000	82.5	RB1 BV		RB1 BV (Hemel Hempstead)
18	433.0500	434.6500	118.8	RB2 AV	Yes	RB2 AV (Aylesbury)
19	433.0750	434.6750	82.5	RB3 VS		RB3 VS (Taunton)
20	433.1000	434.7000	103.5	RB4 NK		RB4 NK (Erith)
21	433.1250	434.7250	118.8	RB5 GH		RB5 GH (Gloucester)
22	433.1500	434.7500	118.8	RB6 DI	Yes	RB6 DI (Didcot)
23	433.1750	434.7750	82.5	RB7 AU	Yes	RB7 AU (Amersham)
24	433.2000	434.8000	71.9	RB8 SU		RB8 SU (Southampton)
25	433.2250	434.8250	77.0	RB9 TU	Yes	RB9 TU (Tring)
26	433.2500	434.8500	71.9	RB10 AW	Yes	RB10 AW (Newbury)
27	433.2750	434.8750	118.8	RB11 RU	Yes	RB11 RU (Reading)
28	433.3000	434.9000	88.5	RB12 GF	Yes	RB12 GF (Guildford)
29	433.3250	434.9250	71.9	RB13 BA	Yes	RB13 BA (Basingstoke)
30	433.3500	434.9500	82.5	RB14 HR	Yes	RB14 HR (Stanmore)
31	433.3750	434.9750	82.5	RB15 FN	Yes	RB15 FN (Farnham)
32	433.4000	433.4000		SU16		SU16 Simplex
33	433.4250	433.4250		SU17		SU17 Simplex
34	433.4500	433.4500		SU18		SU18 Simplex
35	433.4750	433.4750		SU19		SU19 Simplex
36	433.5000	433.5000		SU20 call	Yes	Calling Channel
37	433.5250	433.5250		SU21		SU21 Simplex
38	433.5500	433.5500		SU22 rally	Yes	SU22 Simplex Rally Talk-In
39	433.5750	433.5750		SU23		SU23 Simplex
40	433.6000	433.6000		SU24		SU24 Simplex
41	433.7000	433.7000		433.700 ray		Raynet
42	433.7250	433.7250		433.725 ray		Raynet
43	433.7500	433.7500		433.750 ray		Raynet
44				Scan 70cms		Scan 15 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