

The preliminary specification of driveway base station MURS.

RF output ----- 8 Watt \pm 0.2 Watt

Carrier frequency

CH1 = 151.820MHz

CH2 = 151.880MHz

CH3 = 151.940MHz

CH4 = 154.570MHz

CH5 = 154.600MHz

38 SUB CODE (67-250.3Hz)

Modulation ----- NBFM.

Modulation deviation ----- 2.5KHz.

6. RF sensitivity - 3dBu (at 12dB sinad)
7. IF ----- 455KHz. IF bandwidth 12.5KHz. Adjacent channel rejection - 45dB.
8. Audio output ----- 80hrr/150mW.
9. Call tone ----- 4 separate ca. tones.
11. Antenna ----- Rubber duck" style antenna. with type BNC connector
12. 6 function key --- PTT, Call, Monitor, Mode, Channels up/down.
13. Power volume control ----- Rotary potentiometer with switch.
14. Input output port ----- Ear speaker microphone charger.
15. LCD display ----- Channels and code and system icons. Including transmitter receiver status.
16. Power supply ----- 9 volt DC
17. Input output port ----- NO & NC for relay output
18. Case ----- L =146mm, W=120mm, H=50mm)

The preliminary specification of driveway base station MURS.

1. RF output ----- 1.8 Watt \pm 0.2 Watt
2. Carrier frequency -----

FREQUENCY CHART

CHANNEL	CHANNEL TYPE	FREQ (MHz)	POWER (Watts)
1	MURS	151.820	1.8
2	MURS	151.880	1.8
3	MURS	151.940	1.8
4	MURS	154.570	1.8
5	MURS	154.600	1.8

3. 38 SUB CODE (67-250.3Hz)

CTCSS CODE FREQUENCY CHART

CODE	FREQUENCY	CODE	FREQUENCY	CODE	FREQUENCY
00	0	13	103.5	26	162.2
01	67.0	14	107.2	27	167.9
02	71.9	15	110.9	28	173.8
03	74.4	16	114.8	29	179.9
04	77.0	17	118.8	30	186.2
05	79.7	18	123.0	31	192.8
06	82.5	19	127.3	32	203.5
07	85.4	20	131.8	33	210.7
08	88.5	21	136.5	34	218.1
09	91.5	22	141.3	35	225.7
10	94.8	23	146.2	36	233.6
11	97.4	24	151.4	37	241.8
12	100	25	156.7	38	250.3

4. Modulation ----- FM.
5. Modulation deviation ----- 2.5KHz.
6. RF sensitivity ----- - 3dBu (at 12dB sinad)
7. IF ----- 455KHz. IF bandwidth 12.5KHz. Adjacent channel rejection - 45dB.
8. Audio output ----- 80hrr/150mW.
9. Call tone ----- 4 separate call tones.
11. Antenna ----- Rubber duck" style antenna. with type BNC connector
12. 6 function key ----- PTT, Call, Monitor, Mode, Channels up/down.
13. Power / volume control ----- Rotary potentiometer with switch.
14. Input / output port ----- Ear speaker microphone charger.
15. LCD display ----- Channels and code and system icons. Including transmitter / receiver status.
16. Power supply ----- 9 volt DC
17. Input / output port ----- NO & NC for relay output .
18. Case ----- L =146mm, W=120mm, H=50mm)