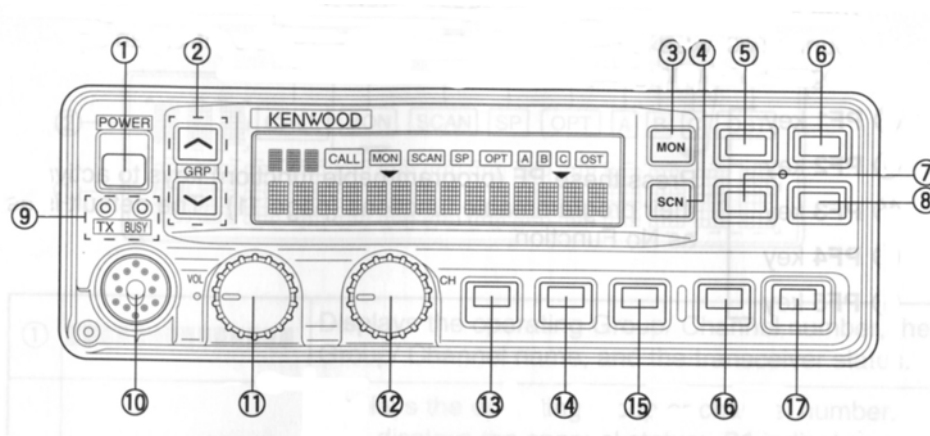


Apparatus Mounted TK 790 Radio Control Head

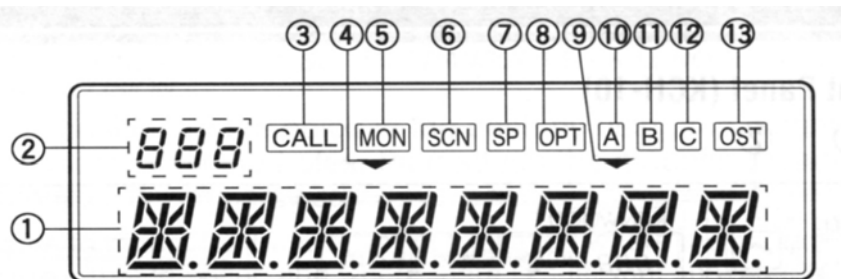


Controls

1. On / Off
 - a. Press to turn unit on, press again to turn unit off.
2. Group Select
 - a. Move up or down to select correct group of channels. (see frequency list)
3. Monitor
 - a. Press to select/deselect turning off alert tone signaling squelch.
4. Scan
 - a. Press to select/deselect scanning of channels.
5. Squelch
 - a. Press to open/close squelch adjust function.
 - b. Press to open then adjust level using channel select knob.
6. Backlight
 - a. Press to toggle through backlight levels.
7. Add/Delete
 - a. Locate channel using channel selector knob then add or delete from scan group. Selected channels display an inverted triangle to the right of center above the channel name.
8. Operator selectable tone

- a. Displayed when operator selected tone is enabled (function not used in our programming).
9. Tx/Busy
 - a. Red light illuminated while transmitting, green light when channel is in use.
 10. Microphone connection port
 11. Volume control
 - a. Clockwise to increase, counterclockwise to decrease.
 12. Channel select
 - a. Move through list of channels in a Group.
 13. HC or 1
 - a. Press to move directly to SJ Fire
 14. 1
 - a. Press to move directly to SJ Aid
 15. 2
 - a. Press to move directly to TAC 3
 16. 3
 - a. Press to move directly to TAC 4
 17. 4
 - a. Press to move directly to RedNet

DISPLAY



1. Channel
 - a. Selected channel name.
2. Group
 - a. Selected group number.
3. Call

- a. Flashes when alert tones received.
- 4. Group Scan
 - a. Appears when channels in the selected group may be scanned across multiple groups.
- 5. Monitor
 - a. Appears when signal squelch is off.
- 6. Scan
 - a. Appears when scanning is in progress.
- 7. SP (NA)
 - a. Appears when out put is routed to external PA speaker.
- 8. OPT (NA)
 - a. Appears when optional scrambler is in use.
- 9. Scan indicator
 - a. Appears when selected channel is in scan group.
- 10. – 12. (NA)
 - a. Appears when auxiliary functions are on.
- 18. OST (NA)
 - a. Appears when operator selectable tone is enabled.

Programming

Group	#	Channel	Rx	Rx Code	Tx	Tx Code	Notes:
1	1	SJ Fire	155.1000	203.5000	155.1000	203.5000	
	2	SJ Aid	155.2800	203.5000	155.2800	203.5000	
	3	Tac 3	154.1600	192.8000	154.1600	192.8000	Tactical
	4	Tac 4	154.3850	192.8000	154.3850	192.8000	Tactical
	5	Tac 5 (Vtac 2)	154.4525		154.4525	203.5000	Tactical - State Tactical - Interagency
	6	Tac 6 (Vtac 1)	151.1375		151.1375	203.5000	Command
	7	Red Net	153.8300		153.8300		State Mutual Aid
	8	DNR Common	151.4150		151.4150		DNR contact frequency
	9	Orcas Reapter	154.2050	192.8000	153.8300	192.8000	Orcas Repeater
	10	Orcas T/A	154.2050	192.8000	154.2050	192.8000	Orcas Talkaround
	11	OSCAR	156.1350		156.1350		
	12	NPS	166.7500		166.7500		
	13	State Parks	151.2800		151.2800		
	14	WA SAR	155.1600		155.1600		Search and Rescue
	15	Interagency Fire	168.5500		168.5500		

2	1	DNR State	159.4200	151.2950	DNR State Repeater
	2	DNR R3	159.3750	159.3700	Repeater 3
	3	DNR R4	159.3300	151.3850	Repeater 4
	4	DNR R5	159.2400	151.2650	Repeater 5 Constitution
	5	DNR R6	159.3300	151.2500	Repeater 6
	6	DNR R7	172.3750	170.5750	Repeater 7
	7	DNR Air/Ground	159.2700	159.2700	DNR Air-to-Ground
	8	DNR T10	151.3100	151.3100	DNR Tac 10
	9	DNR T11	151.3400	151.3400	DNR Tac 11
	10	DNR T12	171.5750	171.5750	DNR Tac 12
	11	DNR T13	163.1000	163.1000	DNR Tac 13
	12	DNR T14	168.3500	168.3500	DNR Tac 14
	13	USFS Air/Ground	170.0000	170.0000	USFS Air-to-Ground
	14	USFS Air Guard	168.6250	168.6250	USFS Air Emergency contact
15					
16					
3	1	MAR 5	156.2500	156.2500	VHF 5
	2	MAR 6	156.3000	156.3000	VHF 6 ship-to-ship safety
	3	MAR 9	156.4500	156.4500	VHF 9
	4	MAR 10	156.5000	156.5000	VHF 10
	5	MAR 11	156.5500	156.5500	VHF 11 Vancouver vessel traffic
	6	MAR 13	156.6500	156.6500	VHF 13 Bridge-to-bridge
	7	MAR 14	156.7000	156.7000	VHF 14 Puget vessel traffic
	8	MAR 16	156.8000	156.8000	VHF 16
	9	MAR 21	157.0500	157.0500	VHF 21 USCG Air
	10	MAR 22A USCG	157.1000	157.1000	VHF 22A USCG Surface
	11	MAR 66A Port	156.3250	156.3250	VHF 66A FH Harbormaster
	12	MAR 68	156.4250	156.4250	VHF 68
	13	MAR 69	156.4750	156.4750	VHF 69
	14	MAR 72	156.6250	156.6250	VHF 72
	15	MAR 78A	156.9250	156.9250	VHF 78A RH Harbormaster
	16	MAR 79A	156.9750	156.9750	VHF 79A WSF Operations
4	1	WSF	151.0400	151.0400	WSF FH terminal
	2	WA LERN	155.3700	155.3700	Law Enforcement Radio Network
	3	WA HEAR	155.3400	155.3400	Hospital Emergency Admin Radio
	4	WSP AIR	159.0750	159.0750	WSP Aircraft
	5				Lopez ferry terminal
	6				Orcas ferry terminal
	7				Shaw ferry terminal
	8	MAR WX	162.4250		Marine Weather Puget sound

9	MAR WX	162.4000		Marine Weather Victoria
10	MAR WX	162.5500		Marine Weather Seattle
11	MAR 18	156.9000	156.9000	VHF 18 Vessel Assist
12	MAR 71	156.5750	156.5750	VHF 71
13	MAR 83A	157.1750	157.1750	VHF 83A USCG Auxillary
14	MAR 81	157.0750	157.0750	VHF 81 USCG OPS