



800 MHz Radio Training

Motorola XTS 2500

Harris County Regional Radio System



Motorola XTS 2500

Old Radio Map

		A	B	W	HO	TM	CL	X	V
Channel	1	HC MA FRE	I-TAC 2	FM 1	HC MA FRE	HC MA FRE	HC MA FRE	PUB HLTH	NW MA 1
Channel	2	HC MA EMS	I-TAC 3	HAZMAT	HC MA EMS	HC MA EMS	HC MA EMS	CMOC - CMD	NW MA 2
Channel	3	HC FM 1	I-TAC 4	HPD - FOX	HC FM 1	HC FM 1	HC FM 1	CMOC - 1	NE MA 1
Channel	4	HC HM 4	I-TAC 5	NWS HGX	HC HM 4	HC HM 4	HC HM 4	CMOC - 2	NE MA 2
Channel	5	HC MA 1	I CALL	ISD - MA	HC MA 1	HC MA 1	HC MA 1	CMOC - 3	SW MA 1
Channel	6	HC MA 2	Blank	8 CALL 90	HC MA 2	HC MA 2	HC MA 2	CMOC - 4	SW MA 2
Channel	7	HC MA 3	Blank	8 CALL 91	HC MA 3	HC MA 3	HC MA 3	CMOC - 6	SE MA 1
Channel	8	HC MA 4	Blank	8 CALL 92	HC MA 4	HC MA 4	HC MA 4	AIR 1	SE MA 2
Channel	9	HC MA 5	Blank	8 CALL 93	HC MA 5	HC MA 5	HC MA 5	AIR 2	CE MA 1
Channel	10	HC MA 6	Blank	8 CALL 94	HC MA 6	HC MA 6	HC MA 6	EMS MA	CE MA 2
Channel	11	HC OEM 1	Blank	ST FRE MA	HC OEM 1	HC OEM 1	HC OEM 1	Blank	AIR 1
Channel	12	GC OEM 1	Blank	ST EMS MA	GC OEM 1	GC OEM 1	GC OEM 1	Blank	AIR 2
Channel	13	NWS HGX	Blank	ST LAW MA	NWS HGX	NWS HGX	NWS HGX	Blank	FIRE MA
Channel	14	Blank	Blank	HAMM	Blank	Blank	Blank	Blank	EMS MA
Channel	15	Blank	Blank	PW - MA	Blank	Blank	Blank	Blank	DISP MA
Channel	16	Blank	Blank	Blank	Blank	Blank	Blank	Blank	LAW MA

Motorola XTS 2500

New Radio Map

		Zone	Zone	Zone	Zone	Zone	Zone	Zone	Zone	Zone	Zone	Zone	Zone	
		4.1	7x	CNV	HO	TM	CL	BT	75	76	77	78	79	80
Channel	1	HC MA FIRE	HC MA FIRE	8 CALL 90	HC MA FIRE	HC MA FIRE	HC MA FIRE	HC MA FIRE	WARN 1	TX WRN DIS	GCI 1	PU-HLT	7 CAL 50	8 CALL 90
Channel	2	HC MA EMS	HC MA EMS	8 TAC 91	HC MA EMS	HC MA EMS	HC MA EMS	HC MA EMS	WARN 2	TX WRN TAC	GCI 2	CMOC 1	7 TAC 51	8 TAC 91
Channel	3	HC FM 1	HC FM 1	8 TAC 92	HC FM 1	HC FM 1	HC FM 1	HC FM 1	WARN 3	HC MA 1	GCI 3	CMOC 2	7 TAC 52	8 TAC 92
Channel	4	HC HM 4	HC HM 4	8 TAC 93	HC HM 4	HC HM 4	HC HM 4	HC HM 4	WARN 4	HC MA 2	GCI 4	CMOC 3	7 TAC 53	8 TAC 93
Channel	5	HC MA 1	HC MA 1	8 TAC 94	HC MA 1	HC MA 1	HC MA 1	HC MA 1	WARN 5	HC MA 3	GCI 5	CMOC 4	7 TAC 54	8 TAC 94
Channel	6	HC MA 2	HC MA 2	8 TAC 95D	HC MA 2	HC MA 2	HC MA 2	HC MA 2	WARN 6	HC MA 4	GCI 6	CMOC 5	7 TAC 55	8 CALL 90D
Channel	7	HC MA 3	HC MA 3	8 TAC 96D	HC MA 3	HC MA 3	HC MA 3	HC MA 3	WARN 7	HC MA 5	GCI 7	CMOC 6	7 TAC 56	8 TAC 91D
Channel	8	HC MA 4	HC MA 4	8 TAC 97D	HC MA 4	HC MA 4	HC MA 4	HC MA 4	WARN 8	HC MA 6	GCI 8	CIMA 1	7 TAC 57	8 TAC 92D
Channel	9	HC MA 5	HC MA 5	NWS HGX	HC MA 5	HC MA 5	HC MA 5	HC MA 5	WARN 9	HC MA 7	GCI 9	CIMA 2	7 CAL 50D	8 TAC 93D
Channel	10	HC MA 6	HC MA 6	BLANK	HC MA 6	HC MA 6	HC MA 6	HC MA 6	WARN 10	HC MA 8	GCI 10	CIMA 3	7 TAC 51D	8 TAC 94D
Channel	11	HC MA 7	HC MA 7	BLANK	HC MA 7	HC MA 7	HC MA 7	HC MA 7	WARN 11	HC MA 9	GCI 11	CIMA 4	7 TAC 52D	BLANK
Channel	12	HC MA 8	HC MA 8	BLANK	HC MA 8	HC MA 8	HC MA 8	HC MA 8	WARN 12	HC MA 10	GCI 12	CIMA 5	7 TAC 53D	BLANK
Channel	13	HC MA 9	HC MA 9	BLANK	HC MA 9	HC MA 9	HC MA 9	HC MA 9	WARN 13	HC MA 11	GCI 13	BLANK	7 TAC 54D	BLANK
Channel	14	HC MA 10	HC MA 10	BLANK	HC MA 10	HC MA 10	HC MA 10	HC MA 10	WARN 14	HC MA 12	GCI 14	BLANK	7 TAC 55D	BLANK
Channel	15	HC OEM 1	HC OEM 1	BLANK	HC OEM 1	HC OEM 1	HC OEM 1	HC OEM 1	WARN 15	HC MA 13	GCI 15	BLANK	7 TAC 56D	BLANK
Channel	16	GC OEM 1	GC OEM 1	BLANK	GC OEM 1	GC OEM 1	GC OEM 1	GC OEM 1	DPS AIR OP	HC MA 14	GCI 16	BLANK	7 TAC 57D	BLANK

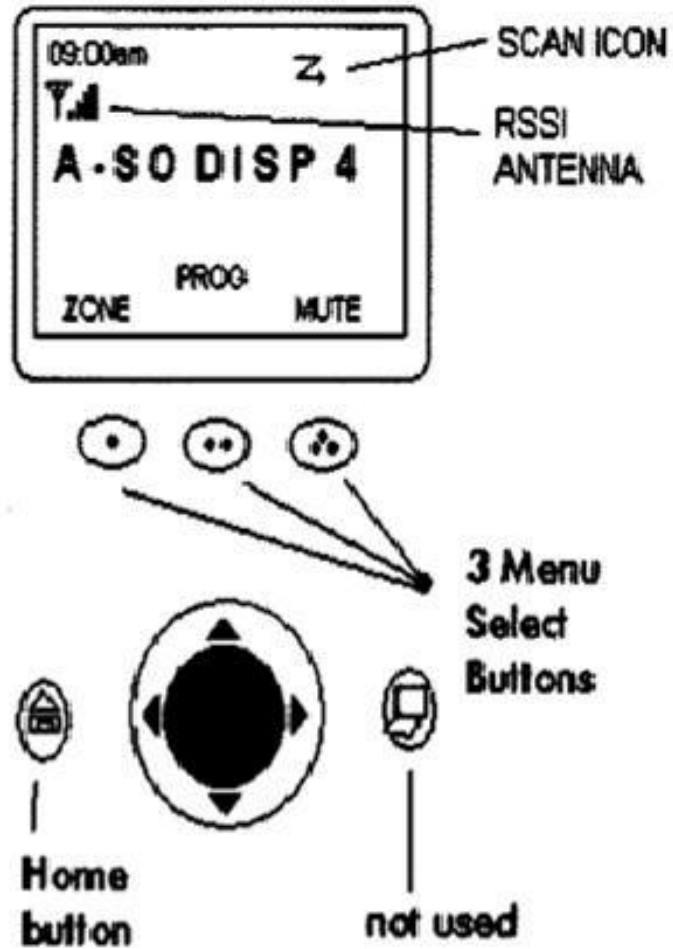
Radio Top....

Channel (Talk Group) Selector

Power / Volume





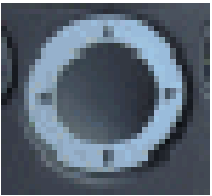

Radio Face Diagram



Radio Front...



Radio Procedure...

- Turn “Power / Volume” knob clockwise to power on the radio.
- Press the “Home” Button 
- Press the “Menu 1” button 
 - Labeled “Zone” on the screen 
- Press the “Right Arrow” button until the screen reads “Zone (78) – Public Health”
- Press The “Home” Button again 

Radio Procedure Cont...

- Turn the “Channel (Talk Group) Selector” to the channel as listed below:
 - North Corridor – “CMOC 1”
 - Down Town Corridor – “CMOC 2”
 - South East Corridor – “CMOC 3”
 - South West Corridor - “CMOC 4”

Channel (Talk Group)
Selector



Radio Procedure Cont...

- Press the “Push to Talk” Button and Wait for the “Chirp” before speaking.



“Push to Talk” Button 



Radio Procedure Cont...

- Press the “Push to Talk” Button and Wait for the “Chirp” before speaking.



“Push to Talk” Button 



Radio Procedure Cont...

- When you are done speaking, release the “Push to Talk” Button.



Trouble Shooting... Out of Range

- ▶ Long tones heard when the “Push to Talk” button is pressed.
- ▶ This tone indicates that you are out of range of the system.
- ▶ Your radio will also display “out of range”
- ▶ Go near a window, outside door, or outside to get in range.



Trouble Shooting... System Busy

Bah-bah-bah-bah short tone heard when the “Push to Talk” button is pressed.

This Tone indicates that all channels are busy .

The system will send you a Talk Permit tone when a Channel is available.



Please call or e-mail if you have any questions:

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