

CAT-300DX Controller and Autopatch 146.700 Mhz Repeater

Time of Day Request

Key-up, and enter the time of day access code. Un-key, and the voice synthesizer will announce the time.

Example: The voice will say: "THE TIME IS 7:30 PM".

Depending on programming you may also receive day and date.

DTMF Keypad Test

Key-up, and enter the DTMF key-pad access code followed by the key-pad numbers and letters to be tested.

The entries can be in any order. Un-key, and the voice will read-back all numbers and letters that were decoded

including the "STAR" and "POUND". Note: **The "D" key cannot be tested.**

Forced DTMF Command Entry

During normal operation a DTMF command is entered at the drop of receiver COR.

It is possible to force a DTMF command entry even while COR is present.

The CAT-300 will accept the [D] key as an entry command.

Autopatch Access

To initiate an autopatch, key-up and enter the autopatch access code followed by the number.

Un-key, and the CAT-300 will redial the number.

A series of beeps will be generated to indicate dialing in progress.

Autopatch Access With Phone Number Verification

Key-up, and enter the autopatch access code followed by the number.

Un-key, and the voice will read back the number, wait two seconds and then dial the number.

If the number is incorrect, enter the autopatch disconnect code during the two second period.

This will terminate the autopatch and prevent a wrong number.

Autopatch Phone Number Read Back Suppression

To temporarily suppress the phone number read back, key-click your microphone when you hear the voice say: "AUTOPATCH".

The CAT-300 will immediately start to dial the number.

Autopatch Speed Dial Access

Key-up, and enter the speed dial number. Un-key, and the voice will read back the call letters assigned

to that speed dial location, wait two seconds and then dial the number.

The speed dial number consists of the speed dial code and the two digit table position 00 through 99.

Autopatch Emergency Speed Dial Access

Key-up, and enter the emergency speed dial number. Un-key, and the voice will read back the

identification assigned to that emergency speed dial location, wait two seconds and then dial the number.

The emergency speed dial number consists of the emergency speed dial code followed by the single digit table position 0 through 4.

Autopatch 911 Access

Key-up, and enter the **autopatch access code** followed by 911. Un-key, and the voice will say:

"AUTOPATCH 911" wait two seconds and then dial the number.

Autopatch Termination

To terminate the autopatch key-up, enter the autopatch termination code.

Unkey, the autopatch will

terminate with a voice announcement. Example: "AUTOPATCH COMPLETED."

Reverse Autopatch

To initiate a reverse autopatch, call the repeater by telephone.

When the CAT- 300 answers the phone a beep will be heard.

Enter the reverse autopatch code followed by the speed dial table position.

You must terminate the entry with a (#) pound.

The CAT-300 will turn on the repeater's transmitter, generate a ringing tone and say: "CALL FOR W4XYZ."

To connect the reverse autopatch the radio operator must enter the reverse autopatch code.

Autopatch Timer Extend

If during an autopatch, you find additional time is needed, key-up and send the [*1].

This will reset the autopatch timer. The voice will say: "AUTOPATCH TIMER RESET."

Autopatch Radio Mute

During an autopatch if additional privacy is required, key-up and send [*3].

This will mute the radio side audio.

For the remainder of the autopatch, cover tones will be sent when the mobile transmits.

Access Codes			User Speed Dial	
Time of Day Request	410		K8PBE	00
DTMF Keypad Test	310			
Autopatch access	*			
Autopatch disconnect	#			
Emergency Speed Dial	910			
User Speed Dial	610			
Reverse Auto Patch	810			
Area Codes	419 567			
Prefix Numbers	203 232 238 380 495			
	513 597 600 605 622			
Calls restricted to	667 692 695 741 749			
listed area codes	771 863 914 915 965			
and prefix numbers	968			
Repeater Phone	419-623-0055			
Emergency Speed Dial				
State Highway Patrol	0			
Van Wert Sheriff	1			
Van Wert Police	2			
Van Wert Fire	3			

