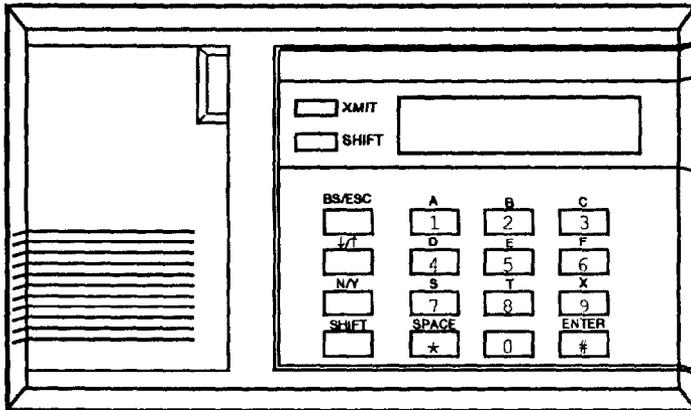# ADEMCO

USER'S GUIDE

INTRODUCTION

The 7720P is a serial terminal intended for use with the 7720 or 7920SE Subscriber Radios, and can be used to program, test and diagnose these radios. These instructions will acquaint you with the keyboard functions of the 7720P. Refer to the specific Subscriber Radio's Installation Instructions for detailed programming and test information.

LED INDICATIONS

The 7720P has two LEDs labeled "XMIT" and "SHIFT" which have the following functions:

XMIT: Flashes when the host device is transmitting messages.

SHIFT: This LED lights when the SHIFT key is pressed and, when lit, indicates that the next keystroke will be the Shift function for a particular key. See SHIFT FUNCTION for more information on the Shift function.

SPECIFICATIONS

Dimensions:	7-3/4" x 4-7/16" x 1-1/4".
Power:	12VDC supplied by host subscriber radio
Current drain:	Normal standby = 105 mA

CONNECTING THE 7720P TO THE HOST DEVICE

The 7720P Programming Tool is powered by the host device (7720, 7920SE), and connects to the device's serial/programming telephone connector, using standard telephone cable (supplied).

Connecting to a 7720:

1. Connect the cable from the 7720P to the 7720 programming jack.

2. Power up the 7720, or, if already powered up, press SHIFT-X to reset the system.

3. To enter programming mode, press ENTER [#] while LEDs are flashing consecutively. Refer to the 7720 Installation Instructions for specific programming information.
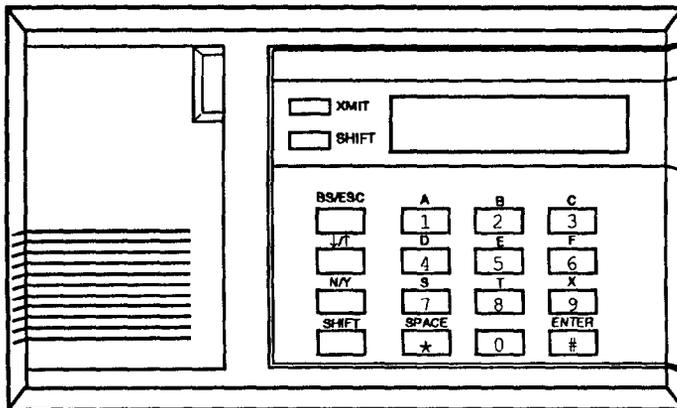
Connecting to a 7920SE:

Note that a 7720RS Terminal Adapter is required when using the 7720P with a 7920SE.

1. Connect the cable from the 7720P to the 7720P jack on the Terminal Adapter. Connect another cable from the 7920SE jack on the Terminal Adapter to the 7920SE's programming jack. If the 7920SE is already powered up, **hold down the ENTER [#] key while making the connection to the 7920SE.** Holding down the ENTER [#] key *sets the baud rate to 9600, which is required when using the 7720P with the 7920SE.*

2. Power up the 7920SE (if it wasn't previously powered up), but **hold down the ENTER [#] key while power is being applied.** After a few moments the following prompt should appear: 7920 PROGRAMMER (note that this message may be replaced by incoming data messages).

   If 7920SE was previously powered up, press SHIFT-X to reset the system.

3. To enter programming mode, press either **C** or **S** or **F** (depending on the programming mode desired) while the LEDs are flashing. Refer to the *7920SE Installation Instructions* for specific programming information.

FUNCTION KEYS

Each key of the 7720P has two possible functions: a normal function and a SHIFT function. The normal function is the function printed on the key itself for numbered keys, or the left hand function for keys having two functions printed above them.

To perform a normal key function, simply press the desired key.

To perform a SHIFT key function, press the SHIFT key first (the SHIFT LED will light), then press desired function key. This is required to select the alphabetical commands/values printed above the numerical keys, or the right hand function for those keys having two functions printed above them. Note that the SHIFT key activates the SHIFT function for the next keystroke only. To select another SHIFT function, the SHIFT key must first be pressed again. The SHIFT key is a toggle function. Therefore, to undo a SHIFT key press (to turn off the SHIFT LED), simply press the SHIFT key a second time.

7720P KEY FUNCTIONS

KEY	FUNCTION
BS/ESC	BACKSPACE [BS]: Used to correct data entries. Each press will delete the data entry to the left of the cursor.
	ESCAPE [ESC]: Press SHIFT then [ESC] to reset the 7720 EEPROM defaults at the "REVIEW?" prompt. Not used with the 7920SE.
↓/↑ SCROLL KEY	[↓]: Press to scroll to next programming question.
	[↑]: Press SHIFT then [↑] to scroll to previous programming question.
N/Y NO/YES	[N]: Press for "NO" answer.
	[Y]: Press SHIFT then [Y] for "YES" answer
SHIFT	Press before selecting a SHIFT key function. Will light SHIFT LED. LED goes out once a key is pressed. Must press again for each SHIFT function desired.
1/A	[1]: Press to enter the number 1
	[A]: Press SHIFT then [A]. Used for entering C.S. ID number
2/B	[2]: Press to enter the number 2
	[B]: Press SHIFT then [B]. Used for entering C.S. ID number
3/C	[3]: Press to enter the number 3
	[C]: Press SHIFT then [C]. Used in 7920SE for entering Central Station Setup Mode. 7920SE & 7720 [C] used for entering C.S. ID number
4/D	[4]: Press to enter the number 4
	[D]: Press SHIFT then [D]. Used for entering C.S. ID number
5/E	[5]: Press to enter the number 5
	[E]: Press SHIFT then [E]. Used for entering C.S. ID number
6/F FAST	[6]: Press to enter the number 6
	FAST [F]: Press SHIFT then [F]. Used for C.S. ID or for entering FAST mode.
7/S	[7]: Press to enter the number 7
	STATUS [S]: Press SHIFT then [S] to display 7720 diagnostic status. 7920SE uses this key to enter Subscriber Setup Mode.
8/T TEST	[8]: Press to enter the number 8
	TEST [T]: Press SHIFT then [T] to send TEST messages.
9/X RESET	[9]: Press to enter the number 9
	RESET [X]: Press SHIFT then [X] to reset the 7720 or 7920SE. Useful when entering program mode after radio is already powered up.
*/SPACE	[*]: Not used.
	[SPACE]: No SHIFT required. Spaces the cursor forward.
0	[0]: For entering the number 0. No SHIFT function.
#/ENTER	[ENTER]: Press to accept data entries.

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