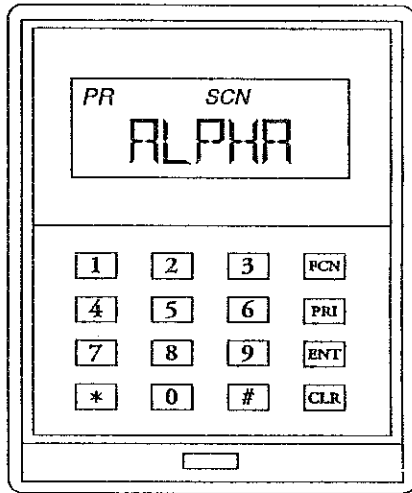


OWNER'S MANUAL SUPPLEMENT

PORTABLE RADIO ALPHANUMERIC DISPLAY



A RELM Wireless Corp. Company

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P/N 7001-20043-900

10-00

INTRODUCTION

This supplement or addendum to the Owner's Manual describes the features of the Alphanumeric Display that are different from the features in the Standard Display. These features include:

Channel Labels

Group Labels

Display Backlighting

Display Indications:

Scan

Priority Scan

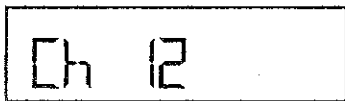
User Code Guard

Only those features that have been programmed in the radio are active. your BK Radio, Inc. dealer can program the desired features in the radio or arrange for programming.

Radios with the Alphanumeric Display can be programmed to operate one or more groups in Standard Display mode. The channel and scanning information will be displayed differently in this mode.

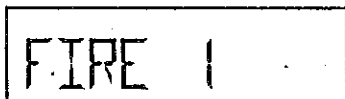
The same operational procedures are used with the Standard Display and the Alphanumeric Display in either mode. This addendum describes only the differences in displayed information. Refer to the Owner's Manual for operational procedures.

CHANNEL LABELS



CHANNEL NUMBER

Each radio channel can be programmed with an alphanumeric label. In Standard Display mode, channel numbers are displayed instead of labels. In Alphanumeric Display mode, channel labels are displayed.



CHANNEL LABEL

Each label can include up to eight characters or spaces with decimal points available between characters. Characters can include 0 - 9, A - Z, -, *, \$, /, +, %, \, |, _, <, >, or h.

GROUP LABELS



Each channel group can be programmed with an alphanumeric label. Group labels can be used in addition to group numbers, even if that channel group has not been programmed to enable alphanumeric functions.



To avoid confusion, switch the SCAN and PRI switches to the OFF position. Press the [#] key on the keyboard to display the group number. Press the [#] key a second time to display the group label. Press the [ENT] key, or wait

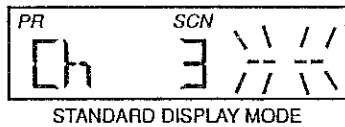
approximately 5 seconds; the radio reverts to normal operation and displays the channel selected.

DISPLAY BACKLIGHTING

Radios with the Alphanumeric Display can be programmed to illuminate the LCD display by backlighting. The backlighting can be programmed to occur when a signal is received or when a key is pressed. The time duration of the backlighting can also be programmed.

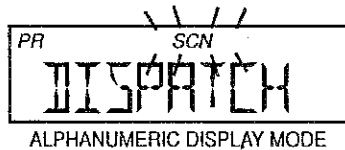
DISPLAY INDICATIONS

The Alphanumeric Display shows different indications in Standard Display mode and Alphanumeric Display mode. The most obvious are the indications for Scan, Priority Scan and User Code Guard.

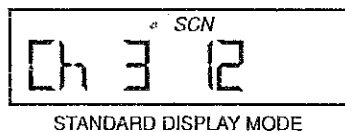


SCAN OPERATION

Scan operation is indicated by two flashing bars in Standard Display mode. The SCN annunciator is displayed only if the selected channel is in the scan list.



Scan operation is indicated by a flashing SCN annunciator in Alphanumeric Display mode.



During Scan operation in Standard Display mode, when a signal is received, the received channel is shown on the right side of the display.



When a signal is received in Alphanumeric Display mode, the received channel is shown instead of the transmit channel and the RX annunciator is also displayed.

PRIORITY SCAN OPERATION



STANDARD DISPLAY MODE

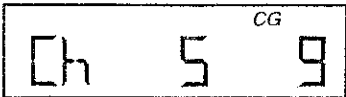


ALPHANUMERIC DISPLAY MODE

Priority Scan operation is indicated by the PR annunciator in both Standard Display mode and Alphanumeric Display mode. The flashing bars or flashing SCN annunciator are also displayed.

USER CODE GUARD

If User Code Guard selection is enabled by programming, the Alphanumeric Display has two ways of showing the channel from which Code Guard values are copied. For example, if you use the Code Guard values of Channel 9 with the frequencies of Channel 5:



STANDARD DISPLAY MODE

In Standard Display mode, the display will show the selected channel on the left (5) and the Code Guard value channel on the right (9).



ALPHANUMERIC DISPLAY MODE

In Alphanumeric Display mode, the display will show the channel label of the selected channel only. To view the label of the Code Guard value channel, press the [#] key on the keyboard. The group number will be displayed, followed briefly by the channel label of the Code Guard value channel, then the channel label of the selected channel.



USE CH 9 CODE GUARD VALUES

Only those features that have been programmed in the radio are active. Your BK Radio, Inc. dealer can program the desired features in the radio or can arrange for programming.

BK Radio
Alphanumeric Keyboard Installation Kit
P/N 7409-20043-901

I. INTRODUCTION

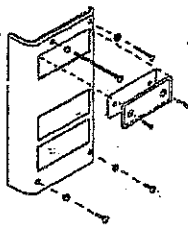
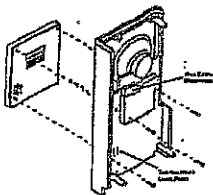
This kit includes the parts necessary to install an LAA0630 alphanumeric keyboard and display assembly.

II. PARTS INCLUDED

<u>Description</u>	<u>Old Part Number</u>	<u>New Part Number</u>	<u>Qty</u>
Alphanumeric Keyboard/Display Assembly	200-03223-0022	7010-20273-700	1
Screw, PHP 2-28	039-07075-0000	2816-30434-007	4
User's Manual Supplement	006-01278-0000	7001-20043-900	1

III. INSTALLATION PROCEDURES

Refer to the Front Cover Assembly illustration in Section VI of the appropriate service manual. Refer also to the maintenance section of the appropriate service manual for additional disassembly instructions.



1. Remove the battery from the radio.
2. Remove the screws that secure the back cover and heat sink cover.
3. Remove the back cover from the radio.
4. Carefully separate the front cover from the radio.
5. Disconnect the flex cable from the options board.
6. Remove and discard the four screws that hold the insert or keyboard to the front cover.
7. Remove the existing keyboard or front cover insert.
8. Insert the keyboard/display assembly and seat it firmly in the sockets on the options board.
9. Secure the keyboard to the front cover, using the four screws provided.
10. Trim the keyboard leads flush with the sockets on the options board.
11. Connect the flex cable to the options board.
12. Replace the front cover assembly on the radio.
13. Replace the back cover and secure with the screws previously removed.