

RACAL RA6790 INSTRUCTIONS

1. Turn on POWER 2. Establish LOCAL control via LOCAL/REMOTE button
3. INITIALIZATION: (a) Press and hold LOCK button, then AM button (on left keypad,) releasing simultaneously; (b) Word 'REMOTE' will appear, then the frequency and BFO digits will rapidly scan through their ranges-accompanied by various changing sounds and tones; changing modes and levels will follow also; (c) If the sequence stops and displays a 2 digit byte number, the self-check has detected an error condition.

EXTERNAL SPEAKER CONNECTIONS

The LOUDSPEAKER OUT connections for the RACAL RA6790 are found on J3 (DB25F) on the rear panel. Use a DB25P with the connections as listed below:

LOUDSPEAKER OUT: pin 18 SIGNAL GND: pin 6 CHASSIS GND: pins 7, 8, & 9

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**TECHNICAL MANUAL
FOR
RA6790/GM
HF RECEIVER
RCI 84249
(R-2174)
(R-2174A)**

9767

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CONFIGURATION NOTICE: This document contains technical information pertaining to the basic RA6790/GM HF Receiver and to the modified RA6790/GM HF Receiver, resulting from the addition of an AGC level return software modification. That information pertaining to the basic RA6790/GM HF Receiver is provided in Sections I through VII of this document whereas, information pertaining to the modified RA6790/GM HF Receiver is provided by difference data in Section VIII of this document.

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FOR
RA6790/GM
HF RECEIVER
RCI 84249
(R-2174)

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ERRATA SHEET
RA6790/GM HF RECEIVER TECHNICAL MANUAL

Below is a list of corrections to the above referenced manual.

ITEM	PAGE	PARAGRAPH	SUB- PARA.	LINE	REQUIRED CHANGE
------	------	-----------	---------------	------	-----------------

SECTION IV. CIRCUIT DESCRIPTION

1.	4-3,	4.2.1.2	1	4	References to the upper limit of the HF band should read "29.999 MHz", not "30 MHz".
	4-5,	4.2.2.1	2	13	
	4-13	4.3.2.1	1	6	
2.	4-27	4.3.6.2	1	13	Change: to read "to U2A, U22 and U19A and U19B".
3.	4-37	4.3.7.4	#2	9	Change: "Paragraph a" to "Paragraphs 4.3.7.2 and 4.3.7.3."
4.	4-40	4.3.7.5	#3	22	Should read: "The TC output <u>pin 15</u> of U18....".
5.	4-41	4.3.7.5	#5	14	Change: "Paragraph b(3)" to "Paragraph 4.3.7.+(3)"

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