

RC-85 Version 3.0

New Features ... Not in the V2.0 Manual!

Command Code Structure - Special Keys

In Version 2, the command terminator key from the phone was *. In Version 3, the terminator key from phone is changed to the # key. This makes it easier when using the message editor to enter word codes which include *. The interdigit timer now works from the phone. If you make a mistake, just wait more than 5 seconds and your erroneous keys will be cancelled, and then you may continue.

User's Features

Patch Redial

A Patch Redial command is added. A phone number dialed within the last 15 minutes may be redialed with this command. The stored phone number is erased after 15 minutes.

Command: (Patch Utility Prefix) *

Example: Patch Utility Prefix = *

User made a patch within the last 15 minutes, and the line was busy. He can redial by sending "* *". The controller says, "Repeat dial" and dials the number.

Telephone Timer Extend

When calling the repeater on the phone, the user may extend the telephone timer from 15 seconds to one minute. It is effective only from the telephone (nothing happens if entered over the air). This capability is useful when calling to record or play back mail from the Digital Voice Recorder. Remember that the terminator key is now #.

Command: (Telephone Timer Extend Command)

Example: Telephone Timer Extend Command = 0

A user calls the repeater on the phone to load voice mail into the Digital Voice Recorder. The '85 answers the phone, and the caller enters "0#" to extend the controller's timer. The controller says, "One minute". The caller may then activate the DVR mailbox. This command may be entered more than once if needed.

Kenwood Remote Base Transceiver Commands

Several additional remote base commands are available to control the Kenwood TS-711A/811A. They permit control of mode, subaudible tone, and memory recall.

Commands:

(Link Prefix) 4	FM
(Link Prefix) 5	LSB
(Link Prefix) 6	USB
(Link Prefix) 7 00	Subaudible tone off
(Link Prefix) 7 (01-37)	Subaudible tone on/freq. selection
(Link Prefix) * (01-40)	Memory 1-40 recall

Hints: Return to VFO from memory operation by entering the frequency as mhtof.
Subaudible tone and memory information are not stored in Macro Sets - only mhtof frequency.

Control Operator

The following new Control Operator level commands are available. They are all stored in Macro Sets for easy macro selection.

Macro Set Selection Commands

Two additional macro sets are available. They are selected with the following Control Op commands.

3	M3	Macro Set 3 Select	Selects Control Op Macro Set #3
4	M4	Macro Set 4 Select	Selects Control Op Macro Set #4

Kerchunker Filter Enable/Disable COP Command

The Kerchunker filter may be enabled or disabled.

61	KE	Kerchunker Filter Enable†	Enables kerchunker filter
62	KD	Kerchunker Filter Disable†	Disables kerchunker filter

Touch-Tone Mute/Unmute COP Command

Touch-Tone audio through the repeater was always muted in Version 2 unless the first key in the sequence was #. The keys which followed were ignored.

In Version 3, the Control Operator may cause Touch-Tone to be normally unmuted, although the keys will be evaluated. Unmuting

Store Macro Sets

Two additional macro sets may be stored in the controller.

***5913 Store Macro Set #3**

***5914 Store Macro Set #4**

Changes that you may or may not notice.

With PL access, TT enabled and down, "D" key held up the transmitter.

With PL access, TT enabled and down, controller would ID when PL signal went away.

With PL access, TT enabled and down, a page from radio brought up TT access.

When selecting a Macro Set with TT enabled and up, TT timer didn't start.

User Autodial without click, wouldn't unhide (wouldn't read back number).

User Autodial needing click, hide, dialed without a click.

Hangup announcement was given over the air when hanging up from the phone with #*.

With speech disabled, after writing a message, there was no cw "W".

If the reverse patch was answered with COP offhook, it would continue to ring.

The patch timer can now be extended at any time during a patch.

The repeater timeout timer does not apply during a patch.

With speech disabled, autopatch and autodial messages say "AP" and "AD".

A tail message can now occur at the end of an Initial ID.

A Kerchunk cancels an initial ID.

Eliminated "HI" ID if all ID messages are empty.

External device failsafe timer extended to 55 seconds.

Now will page out remote base when in transmit enabled.

The remote base transmitter drops on Touch-Tone.

The link transmit courtesy tone is delayed slightly.

RC-88 V3 VOCABULARY

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