

Description:

The RBX10 is a Microprocessor Controlled Roger Beep with 10 Plus Programmable End of Transmission Sounds! The Board Selector Switches can be used to select one of Three Standard RB Sounds, Or to select from up to Seven (or More) Pre-Programmed Sounds by entering the Programming Mode! All from a Single RB Board!

There are Four Models to choose from, each containing more than Ten RB Sounds!

Other Models may be added in the near future! All sounds and functions are produced by the On Board Programmable PIC Processor.

A list of the Models & Sounds available now are listed below. The RBX10 uses Advanced Switching Circuitry that can be easily wired into most Any Type of Radio. There are Extra Auxillary Switching Pins that can also be used in Future Models to Control

Other Sound Modules (PP-1 etc.) using the RBX10's Micro-Controller!

Wiring Instructions:

1. Solder the Red Wire to the Radio's ON/OFF Switch.
2. Solder the Black Wire to the Circuit Board Ground. - (Pin 1 on Cobra, Galaxy Ranger etc.)
3. Solder the White Wire to the Radio's MIC Audio Pin - (Pin 2 on Cobra, Galaxy Ranger etc.)
4. Unsolder the PTT XMIT Wire from the Mic Connector. - (Pin 3 on Cobra, Galaxy Ranger etc.)
5. Solder the Green Wire to the Mic Connector PTT. - (Pin 3 on Cobra, Galaxy Ranger etc.)
6. Solder Wire Removed from Mic Connector P3 to the RB Board Labeled (TRANS PTT OUT)
7. The above wiring will work for most Ranger, Galaxy, General, Connex, Magnum, etc. Radios)

Cobra and other Radios using the Receive Mic Pin, Continue wiring with the following steps.

8. Unsolder the REC wire from the Mic Connector - (Pin 4 on most Cobra Radios)
9. Solder Wire Removed from Mic Connector P4 to the RB Board Pin Labeled (REC PIN OUT)

Switch Settings

The switches on the board have specific functions to change the pre-programmed sounds in the chip.

ONLY switches one and two are used to set the desired sounds.

When All switches are OFF, a standard RB sound is emitted.

Switch 1 ON, results in a Double RB. (SW 2 OFF)

Switch 2 ON, results in a Custom Be-Leep RB sound (SW 1 OFF).

Only Switch 1 or 2 are Switched ON at a time.

When Switches 1 and 2 are ON Simultaneously, the Sound produced will be preset by the user in Programming Mode. Once this sound is Set, the sound will not change unless the user enters Programming Mode again to change the sound..

Programming Mode:

Note: Set Switches 1 and 2 ON To Set Programmable Sounds
Follow Instructions for Programming Mode To Change Sounds.

It may be necessary to put a speaker in the PA jack to monitor the tones.
To enter Programming Mode, Switch 1 and 2 Must be ON.
Turn OFF the Power to the Radio before you begin the programming process.
Hold down the PTT while Powering On the Radio. Continue holding the PTT down until
a long Beep sound is heard. Release the PTT briefly, then continue to hold PTT
down.
You will again hear another Tone that will increase in frequency as it counts
upward. Count these tones and release the PTT when your selection is made. Example:
If you counted Three Tones, the RB will Play Sound Three of Pre-Programmed sounds
from the list (See Chart And Model Below).

Note: A brief message in Morse Code is sent each time the Sound is changed to
Identify Software Version and Copyright Holder.