

SJ1 enables internal speaker on Maxtrac style radios.
 If used with a CDM style radio, SJ1 should be removed.

Option Connector Programming Notes:

- Option #1** - For DTMF selectable COS / CTCSS selection via AllStar:
 Program pin 12 as COS - active HIGH and pin 8 as CTCSS - active HIGH;
 set 'carrierfrom = usb' and 'ctcssfrom = usb'
- Option #2** - For Radio Programming of COS/CTCSS selection:
 Program pin 8 to COS&PL active HIGH;
 set 'carrierfrom = no' and 'ctcssfrom = usb'

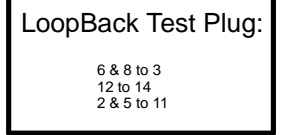
NOTE: If using the -RM model with receiver daughter board; use option #2 above on receiver radio.

Channel Steering:

- Pin 6 - Channel Select 1
 - Pin 8 - Channel Select 2*
 - Pin 14 - Channel Select 3
 - Pin 12 - Channel Select 4*
- Pins 8 and 12 are also used for COS / CTCSS. Consider using DSP COS & CTCSS decode, or steer only 8 channels. (Using pins 6, 8, & 14) leaving pin 12 free for COS/CTCSS {program pin 12 COS/CTCSS - active HIGH; set 'carrierfrom = usb' and 'ctcssfrom = no'}

Audio Configuration Notes:

Set the Following:
 rxboost = 1
 txmixa = voice
 txmixb = tone
 txboost = 0
 invertptt = 0



Repeater-Builder.com

| | | |
|----------------------------|--------------|------------------|
| TITLE: RB_RIM_Max | | REV: A |
| Document Number: | N3XCC | |
| Date: 3/31/2017 6:00:09 PM | Sheet: 1/1 | |