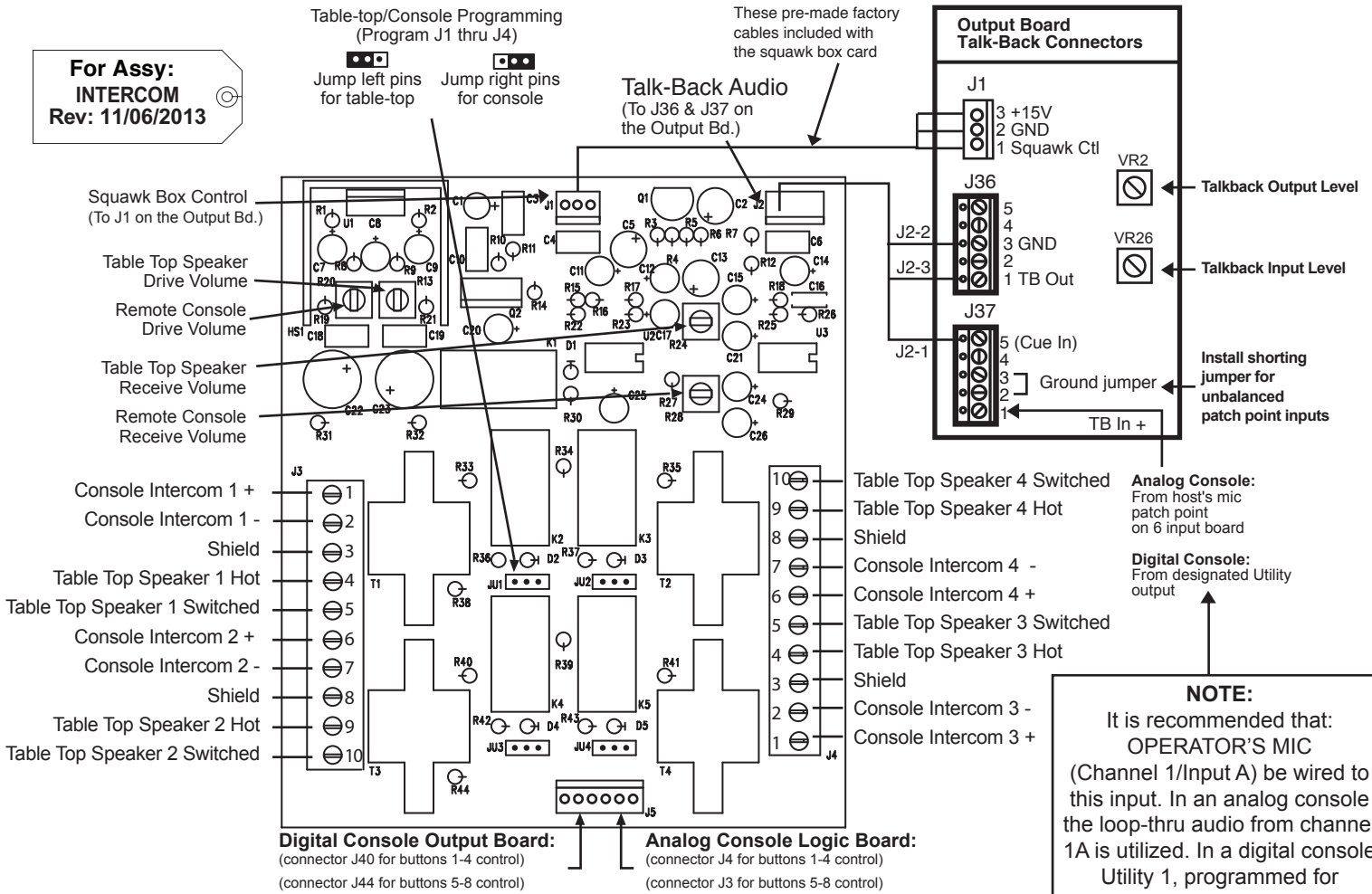


# Radio Systems INTERCOM Card Wiring Instructions

**For Assy:  
INTERCOM  
Rev: 11/06/2013**



**NOTE:**  
It is recommended that: **OPERATOR'S MIC** (Channel 1/Input A) be wired to this input. In an analog console the loop-thru audio from channel 1A is utilized. In a digital console Utility 1, programmed for pre-fader and pre ON/OFF from channel 1A is utilized.  
When factory installed, the above has been pre-wired.

## Wiring

- 1a . Analog Console: Connect operators mic loop thru point (or other line level source) to output board talk-back input (J37 pins 1 & 2).
- 1b. Digital Console: Connect Utility output (typically with operator's mic prefader pre on-off assigned, or other line-level source) to output board talkback input (J37 pins 1&2)
2. Connect provided patch cables from INTERCOM card to output board (control cable from INTERCOM card J1 to console connector J1 and the audio cable from INTERCOM card J2 to console connectors J36 & J37).
3. Analog Console only: Install provided cables to connect J3 (talkback control) and J4 (logic board). However, a factory tech. note is available for field modification for single unit (no logic board required) operation.
4. The INTERCOM card has 4 identical I/O Sections. Each can host either a table-top speaker or another console that has been fitted with an intercom card.
5. Connect speakers to terminals labeled "table-top speaker hot" and "table-top speaker switched" (1-4). Use shielded cable. Consult interconnection diagram on next page for hook-up. Select table-top speaker on console selector buttons for hands-free mode. Table-top speakers can "call" the console via call button.
6. Connect up to four console intercoms to terminals labeled "console intercom +" and "console intercom -". Consoles must select each other to establish a push-to-talk pathway.
7. A maximum of four stations (any combination of table-top and console units) may be connected.
8. Note: J1 thru J4 must be programmed to select a console or table-top speaker for each channel.

## Installation

Use the four plastic stand-offs provided to mount the board on the inside rear console wall near the associated connectors. Wire with supplied harness cables. Install provided cables to connect J2 (audio in and out), J3 (talkback control) and J4 (Analog Console only; logic board).



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