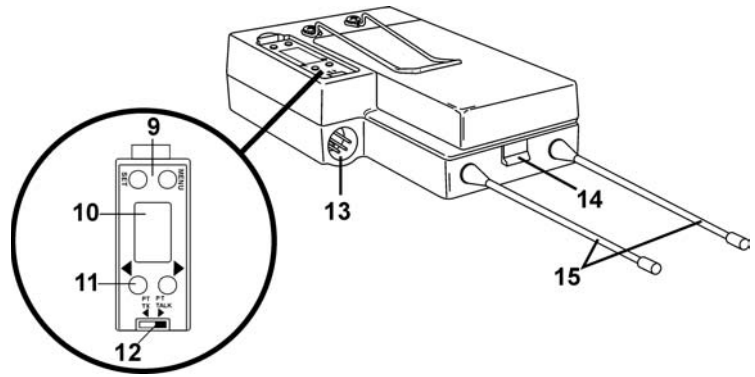
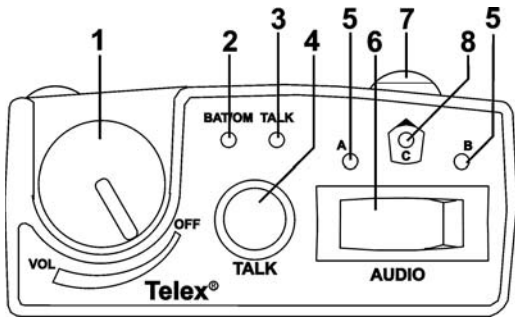


# TR-1 Quick Start Card

## TR-1 Controls and Connections



1. **On/Off & Volume Control** - Turns the backpack power on and controls headset volume.
2. **BAT/O.M. Light-**
  - Battery -**
    - Light flashes on power up = Battery OK
    - Light on continuously = Battery Low
    - Light does not flash or come on = Battery Dead
  - Overmodulation-**
    - Light flashes on loudest speech = Gain OK
    - Light flashes on all speech = Gain too high
    - Light never flashes on loudest speech = Gain too Low
3. **Talk Light** - Light on if talk button active.
4. **Talk Button** - Press to enable the audio path from the headset.
  - Selectable modes:
    - Push-to-Talk
    - Push-to-Latch
    - Off
5. **A and B Lights** - "A" light is on if selection switch in A position.  
"B" light is on if selection switch in B position.
6. **Selection Switch-** Switches between base station presets A or B.
7. **"C" Pushbutton** - Press to enable the base station "C" presets.
  - Selectable modes:
    - Momentary, Latching
    - Quarterback, Off
    - Push-to-Talk, Latching Talk
8. **"C" Button Light** - "C" light is on if "C" pushbutton active.

9. **[MENU] and [SET] buttons** - Used to select menus and set options on the LCD.

10. **LCD display.**

11. **[UP] and [DOWN] buttons** - Used to select menus and set options on the LCD.

12. **Push-to-Talk/Transmit Switch** -

**PT TALK (Push-to-Talk)** - The transmitter is always on. No audio is sent unless the talk button is active. Recommended position.

**PT TX (Push-to-Transmit)** - The transmitter and audio path are off except when the talk button is active.

13. **Headset Connector-** Male XLR connector for Telex units,  
Female XLR connector for RTS units.

14. **Battery Latch** - Press down to enable the battery pack to be released. While the latch is held down, slide the battery pack about 1/8 inch back, toward the latch, until it stops, then lift out.

15. **Receive and Transmitter Antennas** - The antennas are screw type, 1/4 wave, replaceable antennas. The color dot on the screw end of the antenna must match color dot on antenna receptacle.

### TR-1 Quick Start Procedure




1. Press [MENU] as powering-up the base station.  
(Sets unit to Group 01, TX Channel A, RX Channel 01).
2. Press [MENU] as powering-up the backpack.  
(Sets unit to Group 01, RX Channel A, TX Channel 01).
3. Press [MENU] until you arrive at the encryption code screen. Hit [SET] to begin editing the 4-digit encryption code. Set the code that you wish.
4. When finished with the encryption code, press and hold [MENU] + [▲] for 3 seconds on the backpack. Then set the 4-digit base serial number on the backpack's display.  
(Sets backpack encryption to only communicate to that base station, no matter how the encryption code is set).
5. At the base station, set the 4-digit encryption code to match the backpack.
6. The base should now indicate a battery voltage and signal strength indicating the base and backpack are communicating.
7. Plug a headset into the base and backpack. Adjust the microphone gain so the overmodulation light flashes red only on the loudest speech.

### Special Key Functions

- ClearScan** . . . . . Press and hold [MENU] + [SET] buttons for 3 seconds to enter the ClearScan type select. Select from: scan for best group, scan within a group or scan band.
- Lockout** . . . . . Press and hold [▲] + [▼] buttons for 3 seconds. Repeat to toggle it off/on.
- 1st Use Default** . . . Press [MENU] as powering-up the backpack. Sets backpack on Group 01, TX channel 01, RX channel A. All user-programmed memory is retained.
- Factory Default** . . . Press and hold [MENU]+[SET]+[▲]+[▼] for 3 seconds. All user-programmed memory is erased. Sets backpack on Group 01, TX channel 01, RX channel A and all settings change to factory settings.
- Software/Ch Maps** . . . Press and hold [▼] for 3 seconds. The software version of the backpack will be displayed for as long as the [▼] arrow is held. When released, the RX channel map version will be displayed for 1 second then the TX channel map for 1 second.
- Base Serial Number** . . . . . Press and hold [MENU] + [▲] for 3 seconds in the encryption set screen.
- Auto Program** . . . . . Press and hold [▲] for 3 seconds. Allows user to turn auto frequency programming of the backpack from the base on or off.
- Button Modes**
- Talk Button** . . . . . Press and hold [SET] then press the talk button. Set talk button to desired function: latching, off, or push-to-talk.
- "C" Button** . . . . . Press and hold [SET] then press the "C" button. Set "C" button to desired function: momentary, latching, quarterback, off, push-to-talk, latching talk.

### Battery Installation

Ensure that the On/Off volume control knob is turned off. Press and hold down the battery release latch, slide the battery pack about 1/8 inch back, toward the latch, until it stops. Then lift battery pack out. Replace batteries as follows:

1. Open the battery pack by inserting finger nail and lifting. 
2. Pull battery strap to remove low or dead batteries. 
3. Load new batteries following the polarity as shown in battery case. 
4. Start loading at the end of the case where the strap is attached to the case.
5. Be sure strap goes under batteries.
6. Tuck end of strap under door when placing the battery cover back on the case.

**WARNING**  
Do not place an alkaline TR battery pack in any battery charger. Severe charger and battery pack damage may result.