

## **Preliminary Users Manual**

### **Electro-Voice Model CSB-1000 Wireless Microphone Transmitter** (Ev Band C frequencies)

The Electro-Voice (Ev) CSB-1000 Is a Professional Grade Wireless Transmitter operating within the frequency range of 776.0 MHz to 800.000 MHz. ( Ev Band C frequencies).

The CSB-1000 combines frequency agility and ease of use like no other. The transmitter operates within a 24 MHz wide segment in 25 KHz steps.

The high quality audio circuitry and advanced Radio Frequency (RF) signal processing offer broadcast quality signal-to-noise and audio clarity.

System features include:

- Durable Painted Metal Case.
- TA-4F Audio Connector.
- Smart Battery circuit, accepts either polarity orientation.
- Permanent Flash Memory for frequency/setting storage.
- On-Loc prevents accidental power off.
- LCD Display for ease of viewing.
- Flexible quarter wave external Antenna.

Quick set-up:

1. With the Power Switch on the transmitter OFF, install a fresh battery into the transmitter.
2. Place the transmitter Power Switch to the ON position.
3. The Battery light near the Off/On switch will flash once and then off. The display will also come on briefly displaying the battery level.
4. The screen will stop at the GP (Group) and CH (Channel) screen. If the Group and Channel match the desired receiver group and channel, Proceed to Step 7. If not, proceed to Step 5.

Quick set cont'd.

- 5. To select a different GP/CH, press MENU if required to get to the GP/CH display. Press the SET button once and the Group number will flash. Use the up and down arrows to change the group number. Press the SET button to save the Group.
- 6. The Channel number will start flashing after step 5. Use the up/down arrows to change the Channel number. Press SET and the channel is now saved.
- 7. Talk test the transmitter in conjunction with the receiver/audio system. Adjust the microphone gain control on the transmitter as required.

The Transmit Power (RF) is shipped set to "Norm" for use with multiple frequency systems. If set to High for longer distances or to suppress noise, the power is approximately 50 milliwatts.

When power off is required, place the power Off-On switch in the OFF position. The display will then indicate Loc-Off. Press the SET button to clear the Loc-Off function. The display should now be blank.

Specifications:

Frequency range.....	776.000 to 800.000 MHz.
Channel Step.....	25 KHz
RF Power.....	Norm, 5 mW, High, 50 mW.
Modulation.....	FM, 40 KHz nominal.
Frequency Response.....	80-15000 Hz +/- 2 dB.
Microphone Gain Range.....	40 dB.
Microphones, Electret or Dynamic.....	Electret bias provided.
Antenna.....	Quarter Wave Flexible.
Battery Life (Alkaline).....	8-10 Hours Typical.

**Approval Information:**

The Telex/Ev CSB-1000 Transmitter is Type Accepted under United States Federal Communications Commission Part 74.

The Telex/Ev CSB-1000 Transmitter is Certified to Industry Canada RSS123 rules.

**Licensing of Telex/Ev equipment is the users responsibility and licensability depends upon the user's classification, user's application and frequency selected. Telex/Ev strongly urges the user to contact the appropriate telecommunications authority for any desired clarification.**

**CAUTION:** Any changes or modifications made to the above equipment could void the user's authority to operate the equipment.