

# CENTRUM SOUND

## TELELOOP SYSTEM

## LA1000-TS

### *Teleloop System for Medium Sized Auditoriums.*

The LA1000 teleloop amplifier is designed to provide optimal listening conditions for hearing impaired people in small to medium sized auditoriums. The compact design featuring state of the art technology offers an advanced and most user friendly solution.

The loop system consists of the LA1000 amplifier and a loop (hookup wire) that runs along the perimeter of the room. When the amplifier's input is hooked up to an audio source such as a PA system, the sound is transmitted via the loop and received wireless directly by the T-coil (Tele-coil) in the user's hearing aid without any attachments or hook-up. Teleloop receivers are available for hearing impaired people who do not have hearing aids, or, whose hearing aids are not equipped with T-coils. The system may also be used with conventional or wireless microphones in facilities that are not equipped with a PA system.

#### **LA1000 Features:**

- Powerful Constant Current amplifier.
- Balanced XLR Mic/Line input.
- 15 Volt phantom power (internal jumper).
- Unbalanced XLR Auxiliary input.
- Tape In/Out (Stereo RCA connectors).
- Input sensitivity indicators ( $\pm 6$  dB LEDs).
- Base and Treble controls.
- Automatic Gain Control (AGC).
- Screwdriver adjustable controls only.
- 19" Rack Mount Kit Available (three spaces).



#### **Technical Data LA1000**

Coverage area	Max. 4,000 sq.ft.
Loop wire 400 - 1,500 sq. ft.	16 AWG single turn
1,500 - 4,000 sq.ft.	14 AWG single turn
Frequency response	100 - 5,000 Hz
Sensitivity, Mic/Line (Int. Jumper)	-64/-40/-20/0 dB
Sensitivity, AUX (Int. Jumper)	-20/0 dB
Sensitivity, Tape (Int. Jumper)	-14/0 dB
AGC Amplification/Attenuation	+12/-40 dB
Attack/Recovery time	1 mS/5 S
Dimensions (H x W x D)	5" x 10" x 5.5"
Weight	10 lb



#### **Standard LA1000-TS System Include:**

- 1 Oticon LA1000 Teleloop Amplifier
- 3 Oticon TM11 Teleloop Receiver with AA Battery
- 330 ft. Grey 14 AWG Stranded Loop Wire
- 1 Entry Sign with International Symbol for Access
- 1 6 ft. RCA Patch Cord

**CENTRUM SOUND - Your Source For Assistive Listening & Sound Reinforcement Systems**

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