

# Arphi®



## GROUP HEARING AID SYSTEMS FOR DEAF-TRAINING INSTITUTIONS

Arphi has been the principle supplier of Group Hearing Aid Systems to almost all schools for the deaf and speech clinics in India since 1963. The expertise gained in this field is now available to you in any of the various types of Arphi Group Hearing Aid Systems.

Arphi Group Hearing Aid Systems are tailored to cater to Class of any size, be it of 2 Students or 12 Students or even more.

The Arphi Group Hearing Aid Systems can be used simultaneously or separately with the desk-wired headsets and a magnetic induction loop.

The magnetic loop creates an electromagnetic field within the class-room and the teacher's or student's voices can be heard by a student's wearing his own pocket or body-worn hearing aid. This permits the hearing aid to act like a pocket transistor radio, and student can move about freely in the class-room during play or learning and yet hear the teacher or other students talking from their desks.

### MICROPHONE

- Teacher's and Student's microphones are of the highest quality with special emphasis at speech frequencies and at sibilance points to enhance intelligibility of such sounds as sh, oh
- Student's microphone are with steady stands.
- Teacher's microphone is supplied with a neck-harness with stand.

### HEADPHONE CONTROL BOX

- Very neat and unobtrusive.
- Separate control for each ear.
- Dial calibrated in decibels to enable adjustment of each ear to its individual Loss.





### AMPLIFIER

- Amplifier is fitted with AVC (Automatic Volume Control). Maximum output is compressed to prevent acoustic trauma and to improve the hearing of low level speech rounds.
- Adequate output to drive 12 or more student's binaural headphones.
- Separate volume control for teacher.
- Separate volume control and also master volume control for student microphone mixer.
- Low frequency equalizer (attenuator)
- Output can be connected to headphones and magnetic induction loop simultaneously or separately (loop-transformer needed for induction loop)
- Tape or Auxiliary input.

### HEADPHONES

- Highest Quality headphones with widest frequency range 20-20000 Hz
- Foam head-pads and foam Ear-Cushions.
- Very light in weight
- Minimum fatigue
- Maximum comfort
- Extendable Coiled-Cord upto approximately 2 meters (Normally compressed length is only 1/3 Meter).
- Rugged in construction.
- "Child-Proof" design prevents damage through child handling.
- Adjustable to any size of head.



### MICROPHONE MIXER

- Upto 6 microphones can be used with the mixer.
- If one microphone is used between two students, upto twelve students can be accommodated.
- Volume of each microphone can be individually adjusted to allow for loud and soft voices.

### VOLUME INDICATOR METER

- Indicates the level of volume.
- Calibrated in dB as well as percentage.
- Is supplied ready-mounted as part of the Group Hearing Aid amplifier.

**Arphi®** ELECTRONICS PVT. LTD.

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