



# ITB 201 MKII TELEPHONE HYBRID



A telephone hybrid is a system that provides the connection between a telephone line and audio equipment. Actually, this is not a simple connection since the telephone line characteristics require special techniques to ensure good audio quality and high immunity to interference.

## General Features

- AEV ITB-201 MKII is a studio telephone hybrid. It is designed in a 19", 1 unit rack mount.
- ITB-201 MKII allows the connection of 2 phone lines individually commutable during transmission.
- By means of an extra telephone, to be plugged into 2 special connectors, you may call or receive on both lines.
- The calls are visualized by leds and announced by a ringer.
- ITB-201 MKII was specially designed to solve all interfacing problems between lines and any Mixer having no telephone module.
- It allows to call or receive private communications or to pass them over to the antenna without having to use additional headsets or microphones.
- It is easy to install and requires no special instruments.
- ITB-201 MKII has an available output to record phone conversation both privately and in antenna.

## Technical data

### Audio Levels

Input impedance	10 kOhm Balanced
Connector	XLR female
Input Level	-6 ÷ +20 dBu
Output impedance	100 Ohm Balanced
Connector	XLR male
Output Level	- infinite ÷ + 14 dBu

### Hybrid Circuit

Input/output balanced and floating; with Anti Local Effect compensation from 1000÷2000 Ohm and 220nF	
Impedance	600 Ohm
RX Level	- 16 ÷ 0 dBu
TX Level	0 dBm
Hybrid null	- 40 dB @ 1 kHz
Frequency response	300 ÷ 3400 Hz (-1.8/+0.5 dB)
Distorsion	< 1 %

### General Data

Power supply	115/230 V 50/60 Hz 5 VA
Dimension	19" Rack mount 1 Unity
Weight	2 Kg