

CONFERENCE-SET MANUAL



Designed and Manufactured by
ITEC Tontechnik und
Industrieelektronik GesmbH
8200 Laßnitzthal 300
Austria / Europe

 **ITEC**
www.itec-audio.com

FEATURES

Conferences and podium discussions usually require operating multiple microphones. With every additional active microphone, the risk of acoustic feedback increases. Additionally, doubling the number of microphones translates to a reduction of the maximum volume level of 3 dB. Furthermore, you experience comb filter effects, the signal-to-noise ratio (SNR) worsens dramatically and the intelligibility decreases because of unintended recording of hall and background noise.

This is where the new ITEC MICROMIX 4 comes in.

This mixer automatically detects which microphones are used and reduces the volume levels of all inactive microphones accordingly. This innovative selection process works reliably even under worst conditions like high background noise – without having to perform any configurations.

The ITEC CONFERENCE SET includes the new ITEC MICROMIX 4, 4 ITEC podium microphones, 4 ITEC table-top tripods, all necessary cabling and an external power supply unit. All this ships in a rigid, compact case.

The set can be connected to any available sound system and obviously to all ITEC DEVICES like the LECTERN SUCCESS, the ACTIVE-BOX or the TWIN-BOX.

STEP-BY-STEP INSTRUCTION - ITEC "MICRO-MIX-4"

- 1.) Connect the microphones to the 3-pin mic plugs on the MICRO-MIX 4 (IN 1 to IN 4). Use microphones of the same type and construction ONLY!
- 2.) Connect the Y-cable to the 5-pin plug on the MICRO-MIX 4 (DC IN / AUDIO OUT)
- 3.) The other end of the Y-cable has 2 jacks:
 - a. 3-pin XLR jack: Connect this jack to the microphone input of your sound system.
 - b. DC jack for power supply: Connect this jack to the power supply unit or connect it to the 12V DC plug on your ITEC device (e.g. LECTERN, ACTIVE BOX, TWIN BOX...)

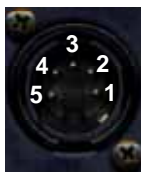
PLUG PIN CONFIGURATION

MICROPHONE PLUGS



- 1 Pin1: Microphone signal +
- 2 Pin2: Microphone signal -
- 3 Pin3: Microphone ground

DC IN / AUDIO OUT:



- 1 Pin1: Microphone ground
- 2 Pin2: Microphone signal +
- 3 Pin3: Microphone Signal -
- 4 Pin4: Power supply +12 Volt
- 5 Pin5: Power supply ground

PRIORITY SWITCH



At shipping time, all DIP switches are set to "OFF". Only the microphones that were discussed above are activated, all others are set to silent.

Each DIP switch corresponds to a microphone channel. If you switch it to "ON", the specified channel has priority and will always be active.

The green LEDs indicate the microphone channels with activated priority mode.

PLEASE CONSIDER: setting priority for microphones overrides the setting done by the ITEC MICRO-MIX 4 controller.

SPECIFICATIONS



ITEC MICROMIX 4 Automatic Microphone Pre-amplifier

Input Impedance	6 k Ohm
Input Amplification	max 50 dB
Output Levels	Mic or Line (configurable); Microphone Level (please define optional LINE-Level when ordering!)
Phantom Power	12 V
Power Supply	12 VDC
Dimensions	110 x 50 x 95 mm
Accessories (shipping with product)	Cables, power supply unit

ITEC PA7A Gooseneck Microphone (4 pieces)

Impedance	200 Ohm
	Cardioid characteristic
SPL	max. 132 dB
Phantom Power	9-52 V
	XLR M plug
Length	550 mm
Color	Black, beamless

ITEC DS2/SW Table Tripod (4 pieces)

Material	Cast iron
	XLR jacks
Color	Black
Dimensions	ca. 110 x 120 x 40 mm
Weight	0,8 kg