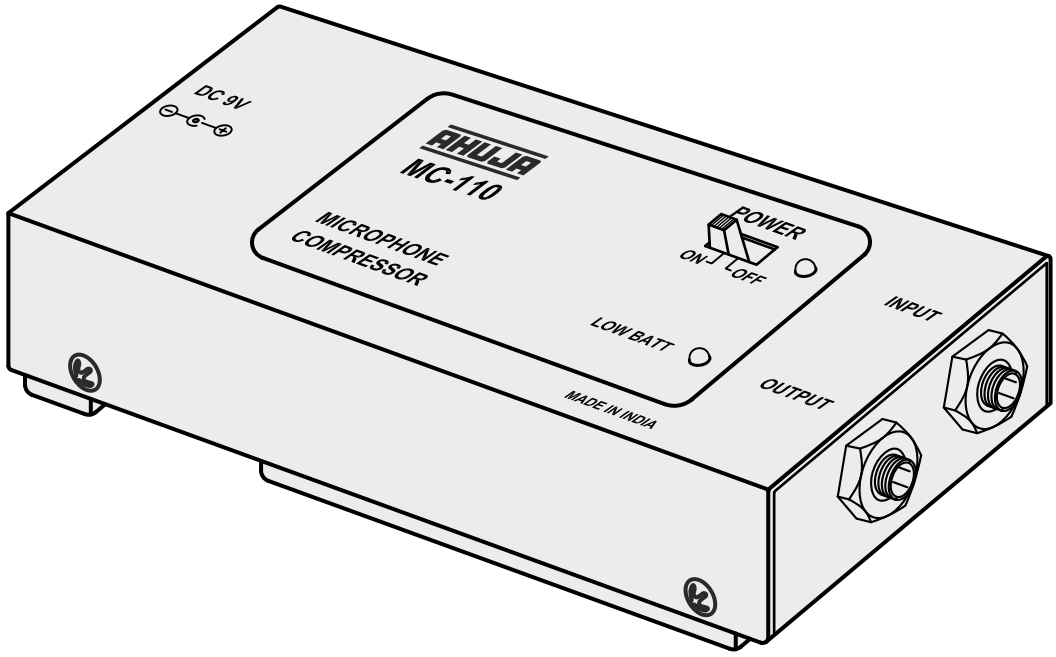
AHUJA®

MC-110

MICROPHONE COMPRESSOR



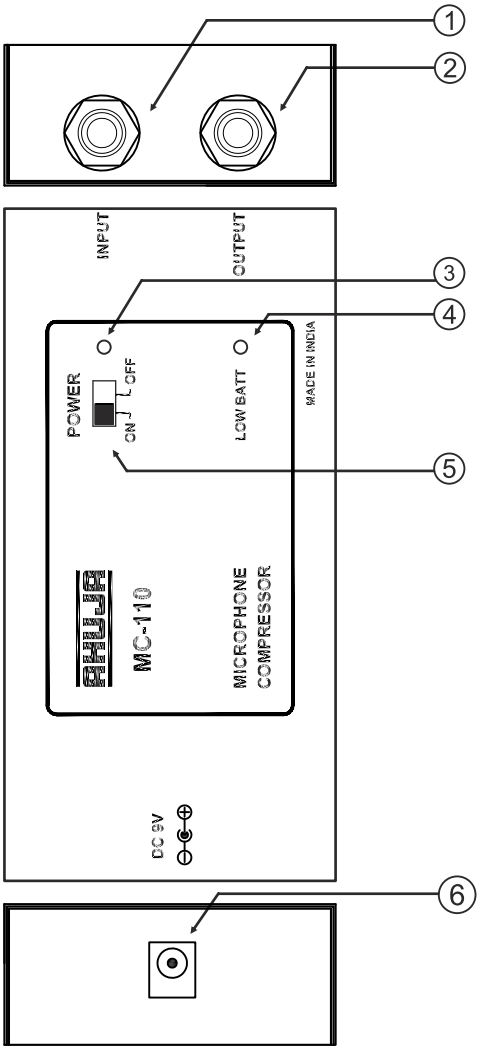
In a public address system, when there is a sudden surge of a very high level input signal, this signal can overload the amplifier input creating a highly distorted output which can cause damage to the Speakers/Driver Units. Such situations may frequently occur in PLACES OF WORSHIP. A Microphone Compressor limits the high level input signal so that only an undistorted signal is fed to the amplifier input. Using a microphone compressor can therefore reduce the risk of speaker failure which occurs due to extraordinarily high level input signals & distortion.

Ahuja Mic Compressor **MC-110** is specially designed to let the sound input signal pass as it is from the microphone to the amplifier, but compress the dynamic range when it encounters a very high level input signal.

It is simple to use, with no adjustments required by the user.

FEATURES

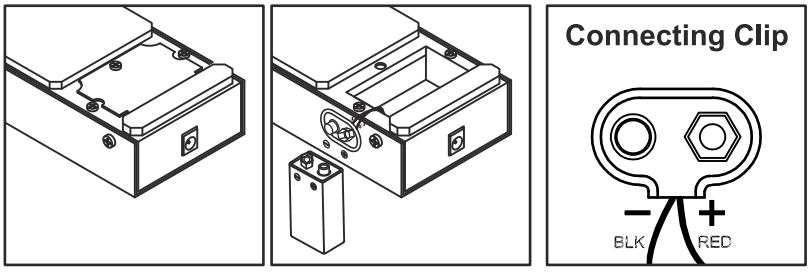
- Very high level signals from a microphone are compressed in order to reduce the possibility of damage to the speakers and normal level sound signals are passed through as it is.
- Wide Frequency Response and Low Distortion to enable use of best quality microphones.
- Very simple to use. No customer adjustments required.
- Compressor parameters like threshold, compression ratio, attack time and release time are preset for optimum results without affecting normal sound level or sound quality.
- Ideal for PLACES OF WORSHIP where very loud speech occurs at certain moments.
- Operates from 9V battery, or on an AC Mains adapter (supplied with the set).
- Automatic Bypass Facility. Even if the Mic Compressor is ON, it will be automatically bypassed if the power supply fails. As a result, if electricity fails in a public address installation which has battery backup for the amplifier but is relying on AC adapter for running the Mic Compressor, then the program can continue uninterrupted without any manual intervention (with the mic compression feature automatically bypassed).
- Low Battery LED: This LED will flicker when the power supply voltage is low. If battery is being used, this indicates that the battery needs to be changed.
- On/ Off Switch. This enables the Mic Compressor to be manually switched off when not required.



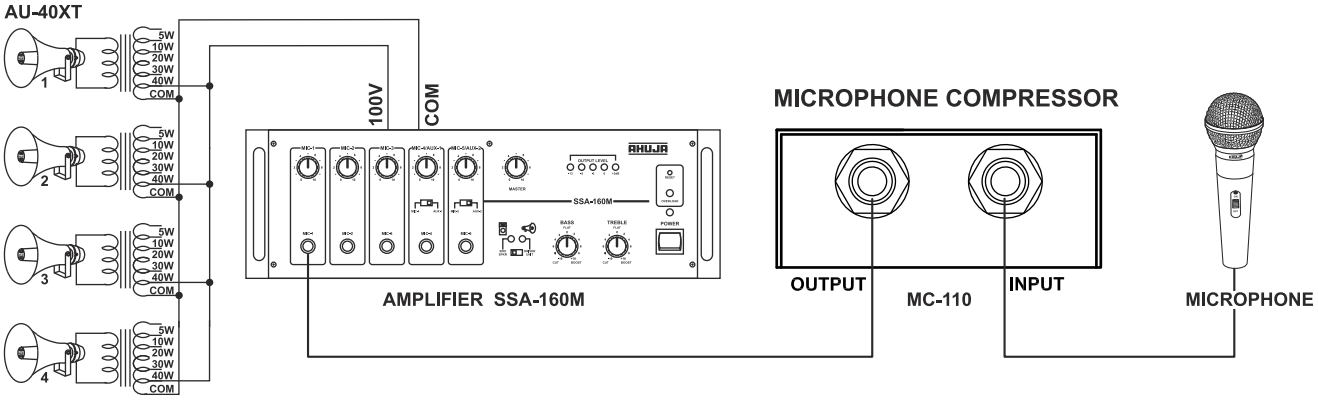
1. Phone jack for Mic Input. Insert the cable coming from the microphone here. (See Connection Diagram).
2. Phone jack for compressor output. Use the connecting cable supplied with the Mic Compressor to connect this phone jack to the Mic Input of the amplifier. (See Connection Diagram).
3. Power ON indicator. This light will glow when the Mic Compressor is ON.
4. LOW BATTERY indication. This LED will flicker on and off when power supply voltage is too low for correct operation of the Mic Compressor. The Mic Compressor can be operated on either 9V battery, or through an AC Mains adapter (supplied with the set). If 9V battery is being used, it should be replaced with a new battery when flickering of this light is observed.
5. ON/OFF Switch. Keep this switch in the ON position when using the Mic Compressor.
6. Input Socket for AC Mains Adapter. Insert here the plug of the AC Mains Adapter supplied with the set.

Battery Replacement

To replace 9V battery, unscrew the battery compartment cover on the bottom side of the product. Insert the new battery into the battery clip with correct polarity and replace the cover.



Connection Diagram



SPECIFICATIONS	
FREQUENCY RESPONSE	50Hz - 20kHz
POWER SUPPLY	DC 9V Battery or external 9V DC Adaptor
DIMENSIONS	W76 × H36 × D160 mm
WEIGHT	0.370kg

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