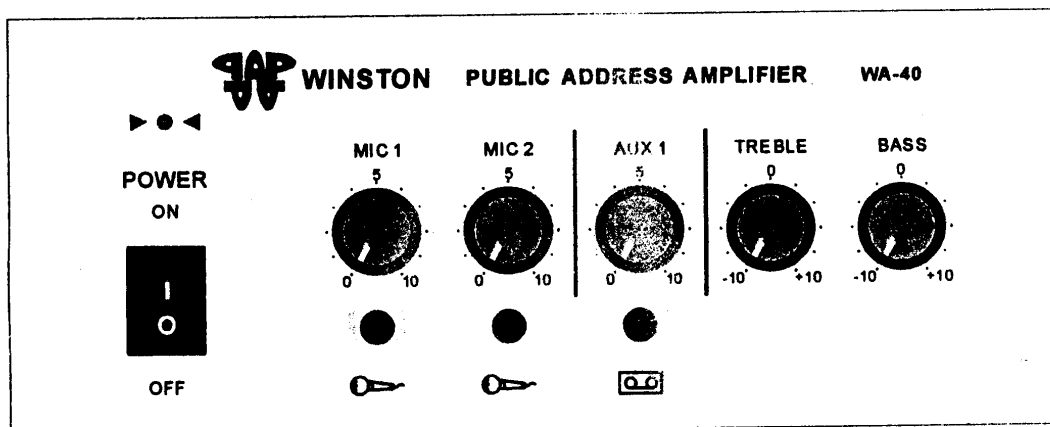


# MIXING POWER AMPLIFIER

## WA-40

### Installation and Operating Instructions



## INPUT/OUTPUT CONNECTORS

### Line Inputs/Line Output

Output level 1 V at 600Ω

### DC Connector

These connections are provided to enable the equipment to be operated from a battery powered source. Care should be taken when connecting batteries to ensure correct polarity.

A reduction in the specified output power will be experienced when operating this equipment on DC power sources.

### External microphone and auxiliary device connection

#### 1. Microphones

Connect external microphones to the INPUT MIC1 / MIC2 jacks on the real panel.

#### 2. Auxiliary devices

Connect external microphones to the INPUT AUX1 jacks on the real panel.

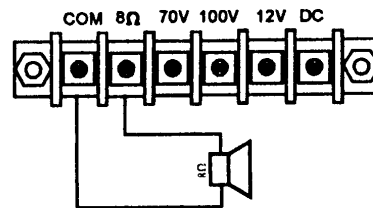
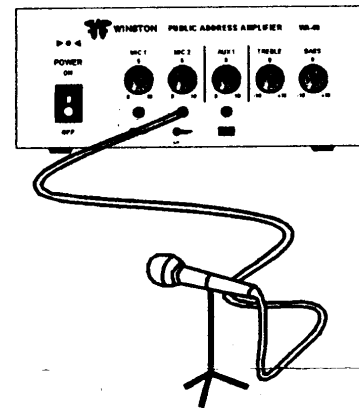
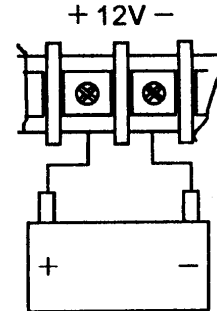
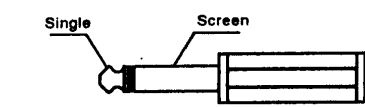
### Loudspeaker Output

#### Important:

Outputs for four different types of loudspeakers are provided, however you may only use one type at any time. e.g. If you are using 100V line loudspeakers you must not use the 70V line or low impedance outputs. Damage to the amplifier will be caused if this is not observed.

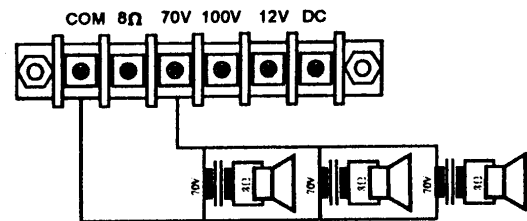
#### Low Impedance COM and 8Ω

When using low impedance loudspeakers, ensure that the line impedance does not fall below 8Ω or the amplifier may be damaged. Make the connections to the COM and 8Ω terminals.



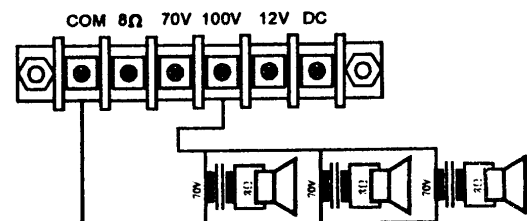
#### 70V line

For use with loudspeakers specifically designed for the 70V line system. Make the connections to the COM and 70V terminals.

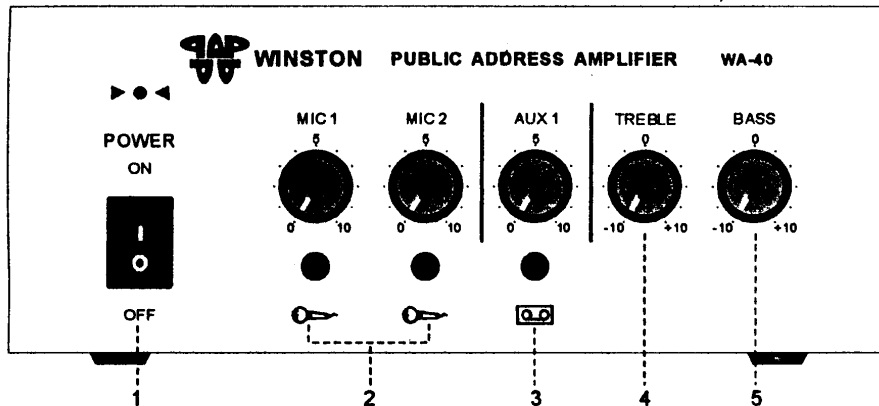


#### 100V line

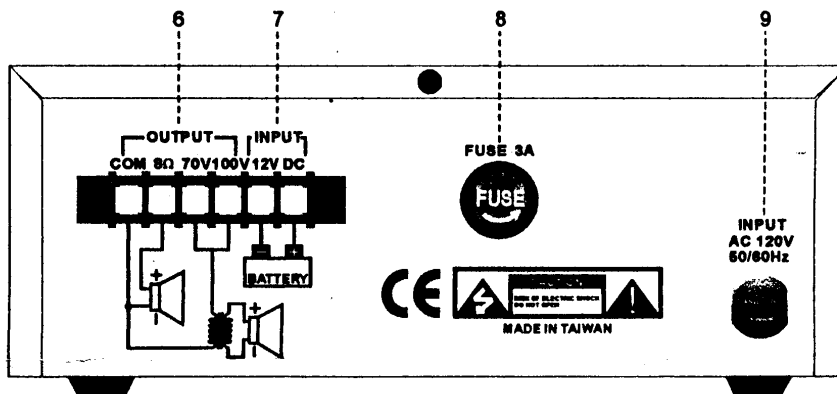
For use with loudspeakers specifically designed for the 100V line system. Make the connections to the COM and 100V terminals.



Front panel



Rear panel



1. Power Switch ON / OFF and LED Light Indicator.
2. Microphone Input Volume and Phone Jack With 2 Channel.
3. AUX 1 Input Volume and Phone Jack.
4. Treble Tone Control.
5. Bass Tone Control.
6. HIGH-Volt Output Terminals 100V / 70V / COM .  
Low-Volt Output Terminals 8Ω / COM.
7. DC IN 12V Input.
8. AC Fuse Holder (3A).
9. AC Input.

**SPECIFICATIONS**

1. With 2CH MIC input, 1CH AUX input ; individual volume control.
2. Support mixing input plug that 6.3mm unbalance.
3. With mini rack -typed box design, suitable for car amplifier use.
4. Rated Output Power : 40W.
5. Input : MIC Input \* 2CH.  
AUX Input \* 1CH.
6. Output Impedance : Low impedance output COM, 8 ohms.  
High impedance output COM, 70V, 100V.
7. Indication : Power LED Indication.
8. Tone Control : Bass +/- 10dB at 100Hz ; Treble +/- 10dB at 10KHz.
9. Weight : 1.7kg.
10. Dimensions : 220W \* 185D \* 80H(mm).