

20 WATT AMPLIFIED PA HORN SPEAKER

INSTRUCTION SHEET

The ASPC-20 is an amplified mobile PA horn that provides better than 20 watts of audio output when connected to the external speaker terminals, leads or jack of an audio source. This is especially useful for increasing the audio level for external mobile installations.

DESCRIPTION

The ASPC-20 utilizes an integrated circuit (IC) for providing the necessary gain to raise a low audio input signal (approximately 1/8 watt) to at least 10 watts output. 16 watts of audio can be obtained with less than 10% distortion. A DC voltage source supplying 10 to 16 volts at 2 amperes is required to provide the proper power to the unit.

INSTALLATION/OPERATION

The ASPC-20 is supplied with a variable position mounting bracket. This permits directing the PA horn toward a desired listening position. The DC power leads should be constant to a switched power source since the unit draws up to 300 milliamperes even when no audio signal is present. Therefore, in a mobile application, there would be a constant draw on the vehicle's battery. Connect ASPC-20 to the audio source and power as indicated on label affixed to rear of ASPC-20. Observe proper polarity. With proper power supplied to the ASPC-20, adjust the source's volume control for the desired audio level.

WIRING

SIGNAL IN: GRAY/RED (+) , GRAY (-)

DC 12V : RED (+) , BLACK (-)

SPECIFICATIONS

INPUT IMPEDANCE	3.16 OHMS
INPUT AUDIO LEVEL.....	1.5VP-P,MAX.
AUDIO OUTPUT POWER.....	20 WATTS, MAX.
AUDIO OUTPUT DISTORTION.....	10% OR LESS, AT 16 WATT OUTPUT
SUPPLY VOLTAGE RANGE.....	10-16 VDC
CURRENT DRAW @ 13.8 VDC	
STANDBY (NO AUDIO INPUT).....	300 MA, MAX.
20 WATTS OUTPUT.....	2 AMPS., MAX.