



# AV-20D

## Micro Amplifier



**A new standard in Plenum Amplifiers.**



# AV-20D Micro Amplifier

The **AV-20D Micro Amplifier** introduces a new standard in small amplifiers for plenum use. With ultra-compact size, a flexible compliment of inputs and power configuration, control features and carrying both UL2043 and Energy Star 3.0 certification, the **AV-20D** is an ideal choice for corporate meeting rooms, POS/signage, and kiosks or any place where space and placement limitations are a factor.

## Features:

- Micro Class D amplifier for use in meeting/board rooms and signage applications
- UL 2043-rated for plenum installation
- Energy Star v3.0 certified including auto off/standby
- 20W x 2 @ 4 Ohms / 40W @ 8 Ohms in bridge mode
- Small size (approx. 6" x 6" x 1.75") allows convenient & flexible placement
- L/R Line inputs via: removable transformer-balanced terminal block, 1/8" TRS mini-jack and RCA connections
- RCA connections with transformer isolation for HUM noise elimination
- Bass & treble controls
- Input signal present (-20dB) and peak LED indicators
- Clip limiter prevents distortion due to overload
- Remote volume control port for use with 10 K ohm pot
- Optional accessories: **WPB-20** - Surface & Pole Mount Bracket, **MB-AV20RM** - Metal Rack Mount Kit



Front



Rear

* 0 dB = 1 V		AV-20D
Power Source		100V-240V AC, 50Hz/60Hz
Rated Output		15W x 2 @ 8 Ohms, 20W x 2 @ 4 Ohms, 40W x 1 @ 8 Ohms (Bridge)
Power Consumption		63W
Idle Power Consumption		<6 Watt
Power Consumption in Power Saving Mode		<1 Watts
Frequency Response		20Hz to 20KHz $\pm 3$ dB (Line1 input with transformer:100Hz to 20KHz)
Total Harmonic Distortion		Less than 0.15%
Input	Line 1:	-10/-20dB* (selectable), 10 K ohms, transformer-balanced, removable terminal block
	Line 2:	-10/-20dB* (selectable), 10 K ohms, unbalanced, 3.5mm stereo jack
	Line 3:	-10/-20dB* (selectable), 10 K ohms, transformer isolated unbalanced, RCA jacks
Output		Speaker output, removable terminal block (4P)
Tone Control		Bass: $\pm 10$ dB at 100 Hz, Treble: $\pm 10$ dB at 10 kHz
Controls	Master volume control	
	Remote volume control	
	Bass tone control, Treble tone control	
	Bridge ON/OFF switch	
	Mono/Stereo switch	
	Input sensitivity switches (Line 1, Line 2, Line 3)	
Indicator		Power LED, Protection LED, Signal LED, Peak LED
Other Feature		Automatic Level Control, Thermal/Over-current protection
Operating Temperature		-10 to 40°C
Case		Black metal case
Dimensions		150 (W) x 44 (H) x 156 (D) mm (5.9" x 1.73" x 6.14")
Weight		1 kg (2.2 lb)
UL Standards		UL 2043
Accessories		1/2" EMT adaptor plate
Optional Accessories		WPB-20, MB-AV20RM, MT-S0301

## Optional Accessories:



**WPB-20**  
Surface & Pole Mount  
Bracket



**MT-S0301**  
Matching  
Transformer



**MB-AV20RM**  
Metal Rack Mount Kit  
(1 or 2 amplifiers are mountable in 1 unit)



Human Society with  
Sound & Communication

**TOA Canada Corporation**  
6150 Kennedy Road, Unit 3 • Mississauga • ON • L5T 2J4  
1-800-263-7639 or 905-564-3575  
sales@toacanada.com • www.TOAcana.com  
Specifications are subject to change without notice  
Printed in Canada (0912) 905-263-AV20D-ver3