

# ANTHEM®

## MCA SERIES

MULTI-CHANNEL AMPLIFIERS

525 | 325 | 225

GENERATION 2

**An All-New  
Look** Matches  
AVM 90/70  
A/V Processors  
& MRX A/V  
Receivers



To complement the NEW AVM 90 and AVM 70 A/V Processors, Anthem introduces the new MCA 525, 325 and 225 Generation 2 power amplifiers. Available in 5, 3 and 2-channel configurations, these new MCA amplifiers feature robust

and efficient power and heavy-duty reliability. MCA Generation 2 power amplifiers provide especially low THD (total harmonic distortion) for a clean, pure sound and lower noise for a supremely quiet background.

## MCA SERIES: 225W in 2, 3, & 5-Channel Models

### FEATURES & FUNCTIONS

- High current output for lower distortion
- Cosmetic match for AVM 90 and AVM 70 A/V Processors
- Advanced Load Monitoring system ensures long-term performance
- 8 bipolar output devices per channel for less stress on each device
- Less than 2 watts standby power consumption
- Crafted in Canada



MCA teams up perfectly with an AVM 90 or AVM 70.

# TECHNICAL SPECS

## Power Output

Continuous 20 Hz to 20 kHz, <1% THD (*all models*)

load	watts
8 ohms	225 W
4 ohms	400 W
2 ohms	600 W

### THD at 100 W

at 1 kHz ..... 0.0010%  
 at 20 kHz ..... 0.015%

### IMD at 100 W

ITU-R (19 kHz + 20 kHz) ..... 0.0005%  
 SMPTE (60 Hz + 7 kHz) ..... 0.002%

SNR, IEC-A, ref. 225 W ..... 120 dB

### Frequency Response, 20 Hz to 20 kHz

open circuit ..... ± 0.1 dB  
 8 Ω ..... ± 0.1 dB  
 4 Ω ..... ± 0.1 dB  
 2 Ω ..... ± 0.2 dB

Power Bandwidth, -3 dB at 200 W into 8 ohms ..... 90 kHz

Slew Rate ..... 30 V/μs

Damping Factor, 20 Hz to 1 kHz ..... 300

Channel Separation, 100 Hz to 10 kHz ..... >65 dB

### Input Impedance

RCA / XLR ..... 10 kΩ / 15 kΩ

Input Sensitivity, 225 W into 8 Ω ..... 1.5 Vrms

Voltage Gain ..... 29 dB

## Power Requirement

consumption	standby	idle	typical	high output
MCA 525 (Gen. 2)	2.0 W	80 W	550 W	1200 W
MCA 325 (Gen. 2)	1.4 W	47 W	350 W	750 W
MCA 225 (Gen. 2)	1.0 W	35 W	240 W	500 W

This product operates from a single phase AC power source that supplies 108V – 132V at a frequency of 60 Hz for the 120V version and 198V – 264V at a frequency of 50/60 Hz for the 220V – 240V version.

## Dimensions (*all models*)

Height ..... 6-5/8" (16.9 cm)  
 Rackmounted Height ..... 4U  
 Width ..... 17-1/4" (43.8 cm)  
 Depth ..... 18-1/8" (46 cm)

## Weight (*unpacked*)

MCA 525 (Gen. 2) ..... 61 lb (27.5 kg)  
 MCA 325 (Gen. 2) ..... 43 lb (19.5 kg)  
 MCA 225 (Gen. 2) ..... 40 lb (18 kg)

Create Your  
 Own Dolby Atmos  
 15-Channel System



Three MCA 525s (Gen. 2) paired with an AVM 90 A/V Processor

