

PRODUCT SHEET & SPECIFICATIONS

n.FORM™ MULTI-CHANNEL AMPLIFIER

MODELS APFR-MULTICH220 / APFR-MULTICH200



FUNCTION

The APFR-MULTICH220 & APFR-MULTICH200 offer new flexibility and value for installed sound applications. The multi-channel amplifiers offer independent selection of high- and low-impedance operation for a specific channel with power levels and features carefully chosen to perfectly integrate into fixed install design requirements.

FEATURES & CAPABILITIES

- + Selectable constant-voltage (70V/100V) or low impedance (4/8 ohm) operation for each channel pair (channel pair must be operated in Bridge mode for 100V).
- + FIT (Fault Isolation Topology) circuitry isolates faults within affected channels
- + TLC protection circuitry protects the amplifier from excessive heat by subtly and dynamically reducing the gain only when necessary to reduce heat levels
- + Comprehensive array of indicators including Power and Data, along with Bridge, Ready, Signal, Clip, Thermal and Fault for each channel, provide accurate diagnostics
- + A fixed 35-Hz (70-Hz in APFR-MULTICH220) high-pass filter per channel pair is automatically inserted when the mode switch is set to either of the constant-voltage settings. The high-pass filter corner frequency in the APFR-MULTICH200 can be set to 70 Hz, or bypassed, with a service option

SPECIFICATIONS

APFR-MULTICH220

Dual

4 Channels Driven

1 kHz	20 Hz–20 kHz
4-ohm (per ch.)	260W 215W
8-ohm (per ch.)	180W 190W
70V (per ch.)	220W 220W*

1 Channel Driven

1 kHz	20 Hz–20 kHz
4-ohm (per ch.)	270W 225W
8-ohm (per ch.)	220W 210W
70V (per ch.)	250W 245W*

Bridge-Mono

2 Channel-Pairs Driven

1 kHz	20 Hz–20 kHz
8-ohm (per ch. pair)	520W 430W
16-ohm (per ch. pair)	400W 380W
100V (per ch. pair)	220W 220W*

1 Channel-Pair Driven

1 kHz	20 Hz–20 kHz
8-ohm (per ch. pair)	560W 450W
16-ohm (per ch. pair)	440W 420W
100V (per ch. pair)	250W 245W*

* Constant Voltage full bandwidth power ratings support 100Hz–20kHz due to automatic High-Pass Filters.

Maximum Average Power
in watts with 0.1% THD.

PRODUCT SHEET & SPECIFICATIONS

n.FORM™ MULTI-CHANNEL AMPLIFIER

MODELS APFR-MULTICH220 / APFR-MULTICH200

SPECIFICATIONS

APFR-MULTICH200

Maximum Average Power
in watts with 0.1% THD.

Dual

4 Channels Driven	1 kHz	20 Hz-20 kHz
4-ohm (per ch.)	200W	175W
8-ohm (per ch.)	160W	155W
70V (per ch.)	200W	285W*

1 Channel Driven

1 Channel Driven	1 kHz	20 Hz-20 kHz
4-ohm (per ch.)	270W	230W
8-ohm (per ch.)	220W	220W
70V (per ch.)	250W	230W *

Bridge-Mono

2 Channel-Pairs Driven	1 kHz	20 Hz-20 kHz
8-ohm (per ch. pair)	400W	350W
16-ohm (per ch. pair)	320W	310W
100V (per ch. pair)	200W	185W*

1 Channel-Pair Driven

1 Channel-Pair Driven	1 kHz	20 Hz-20 kHz
8-ohm (per ch. pair)	540W	460W
16-ohm (per ch. pair)	440W	440W
100V (per ch. pair)	250W	230W *

* Constant Voltage full bandwidth power ratings support 100Hz - 20kHz due to automatic High-Pass Filters.