

General

CHANNELS	5
PHYSICAL DIMENSIONS (HEIGHT)	2.10" (53 mm)
PHYSICAL DIMENSIONS (WIDTH)	11.86" (242 mm)
PHYSICAL DIMENSIONS (DEPTH)	7.50" (190 mm)
WEIGHT	6.55 lbs (2.97 kg)
WARRANTY	2 years
OPERATING VOLTAGE	10.5-16 VDC

Audio

AMPLIFIER CLASS	Class D
RATED CONTINUOUS (RMS) POWER (14.4 V INPUT @ 4 OHM < 1% THD)	Main: 75 W x 4 Sub: 180 W x 1
RATED CONTINUOUS (RMS) POWER (14.4 V INPUT @ 2 OHM < 1% THD)	Main: 100 W x 4 Sub: 300 W x 1
RATED CONTINUOUS (RMS) POWER (12.5 V INPUT @ 4 OHM < 1% THD)	Main: 60 W x 4 Sub: 180 W x 1
RATED CONTINUOUS (RMS) POWER (12.5 V INPUT @ 2 OHM < 1% THD)	Main: 90 W x 4 Sub: 300 W x 1

SIGNAL-TO-NOISE RATIO, REFERRED TO HIGHEST RATED POWER (A-WEIGHTED, 20 HZ - 20 KHZ NOISE BANDWIDTH): ANALOG INPUTS - MAIN CHANNELS	>104 dB
SIGNAL-TO-NOISE RATIO, REFERRED TO HIGHEST RATED POWER (A-WEIGHTED, 20 HZ - 20 KHZ NOISE BANDWIDTH): ANALOG INPUTS - SUBWOOFER CHANNEL	>80 dB
SIGNAL-TO-NOISE RATIO, REFERRED TO 1 W (A-WEIGHTED, 20 HZ - 20 KHZ NOISE BANDWIDTH): ANALOG INPUTS - MAIN CHANNELS	>84 dB
SIGNAL-TO-NOISE RATIO, REFERRED TO 1 W (A-WEIGHTED, 20 HZ - 20 KHZ NOISE BANDWIDTH): ANALOG INPUTS - SUBWOOFER CHANNEL	>60 dB
DAMPING FACTOR @ 4 Ω	>150/50 Hz
DAMPING FACTOR @ 2 Ω	>75/50 Hz
THD+N @ RATED POWER: MAIN CHANNELS	<1% @ 2 Ω per Channel
THD+N @ RATED POWER: SUBWOOFER CHANNEL	<1% @ 2 Ω per Channel
FREQUENCY RESPONSE (+0, -1DB)	12 Hz-22 kHz
FREQUENCY RESPONSE (+0, -1DB): MAIN CHANNELS	12 Hz-22 kHz
FREQUENCY RESPONSE (+0, -1DB): SUBWOOFER CHANNEL	7 Hz-500 Hz
INPUT VOLTAGE RANGE @ RCA INPUTS	Switchable from 200 mV-2 V RMS (Low) to 800 mV-8 V RMS (High)
FUSE RATING	40 A
RECOMMENDED FUSE TYPE(S)	AFS, AGU or MaxiFuse™

MIN. COPPER POWER/GROUND WIRE GAUGE	4 AWG wire
PROTECTION CIRCUITS	Input under/over voltage Over temperature Output short circuit

Signal Processing

FILTER MODE(S): CHANNELS 1 & 2	Off, Low-pass or High-pass x10
FILTER SLOPE(S): CHANNELS 1 & 2	12 dB/octave
FILTER FREQUENCY RANGE: CHANNELS 1 & 2	50 Hz-500 Hz (x10: 500 Hz-5 kHz)
FILTER MODE(S): CHANNELS 3 & 4	Off, High-pass or Bandpass
FILTER SLOPE(S): CHANNELS 3 & 4	12 dB/octave
FILTER FREQUENCY RANGE: CHANNELS 3 & 4	50 Hz-500 Hz
FILTER MODE(S): SUBWOOFER CHANNEL	Off or Low-pass only
FILTER SLOPE(S): SUBWOOFER CHANNEL	12 dB/octave
FILTER FREQUENCY RANGE: SUBWOOFER CHANNEL	50 Hz-500 Hz
BASS BOOST	✓
BASS BOOST EQ (0 TO +12 DB @ 45 HZ)	✓

REMOTE LEVEL CONTROL	Optional (RBC-1)
REMOTE LEVEL MODES	Sub Channel only
CHANNEL INPUT MODE SWITCH	yes (2/4/6 Channels)