

SPECIFICATIONS

CR-201/201X/401

INPUT SENSITIVITY

OP AMP – 0.3V – 8V

DIRECT, BYPASS - 0.1 – 1.8V

GAIN +15dB

OP AMP OPTION, BURR BROWN OR AUDIO WAVE

INPUT IMPEADANCE 33K Ω

RATED CONTINUOUS OUTPUT @14.4V @ 0.1% THD

CR-201/201X 8 Ω - 160W X 1

CR-401 8 Ω - 160W X 2

CR-201/201X 4 Ω - 300W X 1

CR-401 4 Ω - 300W X 2

CR-201/201X 2 Ω - 400W X 1

CR-401 2 Ω - 400W X 2

Minimum speaker load 2 Ω

CR-401 2 X CR-201 2 X CR-201X

8 Ω BRIDGED – 600W X 1

4 Ω BRIDGED – 800W X 1

Bridged Minimum speaker load 4 Ω

SNR A/W FULL POWER @ 14.4V

OP AMP > 105dB

DIRECT > 120dB

BANDWIDTH (FREQUENCY RESPONSE) @ 2W

9.5Hz – 120KHz – (+-3dB)

20Hz – 20KHz – (+-0.3dB)

OPTIONAL DC PROTECTION BELOW 11Hz

PHASE SWITCH 180 DEG

DIRECT INPUT OP AMP BYPASS SWITCH

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IDLE CURRENT

CR-201/CR-201X (+- 2.5 Amps)

CR-401 (+- 5 Amps)

STANDBY CURRENT

CR-201/CR-201X (+- 0.03 mA)

CR-401 (+- 0.06 mA)

APPROX CURRENT DRAW FOR DIFFERENT SPEAKER LOADS @ FULL POWER @ 14.4V

CR-201/201X 8Ω - +-22 AMPS X 1

CR-401 8Ω - +-22 AMPS X 2

CR-201/201X 4Ω - +-38 AMPS X 1

CR-401 4Ω - +-38 AMPS X 2

CR-201/201X 2Ω - +-60 AMPS X 1

CR-401 2Ω - +-60 AMPS X 2

INPUT DC VOLTAGE 9 – 16 VDC

IDEAL WORKING VOLTAGE 12- 14.4 VDC

INTERNAL FUSE RATING

CR-201/201X 1 X 60 AMP CR-401 2 X 60 AMP

THERMAL CUT OFF +-80 DEG C

SOFT START AND ANTI THUMP TURN ON AND OFF

REGULATED OP AMP POWER SUPPLY

AMPLIFIER PCB SEPERATED FROM PSU

CNC LED DISPLAY MODULE WITH 24 KT GOLD PLATED FRONT PLATE (POWER/TEMP/PROTECTION)

NICHICON GOLD TUNE CAPACITORS

CR-201 SECONDARY CAPACITORS 18800uF

CR-201X SECONDARY CAPACITORS 75200uF

CR-401 SECONDARY CAPACITORS 18800uF X 2

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NICHICON GOLD TUNE AND AUDIO WAVE CAPACITORS

TAKMAN OFC 1% NON-MAGNETIC METAL FILM RESISTORS

ALPS BLUE GAIN CONTROL

WBT RCA CONNECTORS (PCB MOUNTED)

AUDIO WAVE 24KT GOLD PLATED POWER AND SPEAKER CONNECTORS (REMOVEABLE)

THREE OUNCE DOUBLE LAYER GOLD PLATED PCB'S

AIRCRAFT GRADE ALUMINIUM CHASSIS, BRUSHED AND ANODISED

MACHINED COPPER NICKLE PLATED HEATSINK RODS

MIRROR POLISHED STAINLESS STEEL LID WITH ACRYLIC WINDOW

CUSTOM BUILT FLIGHT CASE

DIMENSIONS

CR-201 DIMENSIONS (W x H x L) 270mm x 72mm x 438mm

CR-201 WEIGHT 10KG

CR-201X DIMENSIONS (W x H x L) 270mm x 72mm x 558mm

CR-201X WEIGHT 12.3KG

CR-400 DIMENSIONS (W x H x L) 270mm x 72mm x 878mm

CR-400 WEIGHT 18.3KG