

UP 2082 - UP 2162

POWER AMPLIFIER



CERTIFICATIONS AND APPROVALS

- CE comply with European Community 2006/95/CE LVD Directive and 2004/108/CE EMC
- Directive Immunity according to IEC EN 55013+A1+A2, IEC EN 55020+A2+EC, EN 61000-3-2, EN 61000-3-3+A1
- Safety according to IEC EN 60065:2002

MAIN FEATURES

- Full digital technology amplifier, 100V-70V and 4 Ohm outputs
- 2 universal inputs at 'line' level
- Screw terminal input connections available
- Configurable Priority settings
- Status / Priority / Audio Level LED indications

MAIN APPLICATIONS

- Restaurants
- Boutique
- Pub
- Beauty Centre
- Market
- Hotels
- Office building
- Medical centres

DESCRIPTION

UP 2082 and UP 2162 are devices with 2 separated and independent 80 W (UP 2082) / 160 W (UP 2162) amplifiers, each having 2 audio inputs, of which one with priority function through a closing contact.

Both the audio inputs are at 'line' level: for pre-amplified signals or music sources (e.g. CD players, tuners, etc.).

The amplifier nominal power is 80 W for the UP 2082, 160 W for the UP 2162, available on either a low impedance output (min. 4 Ω) or 100 – 70 V constant voltage output (for loudspeakers having 100 – 70 V transformers).

The input 1 can get the priority, which mutes the input 2, through an external command (connected to the removable connector) connected to the PRIOR IN1 contact.

The input 1 can be muted through an external command connected to the MUTE IN 1 contact.

Each amplifier has its (common) BASS, TREBLE tone controls and gain controls.

Front panel LEDs indicate the device state (ON), protections (PROT), the priority activation

(PRIOR) and the signal / peak level (SIG/PK) of the respective amplifier.

INSTALLATION NOTES

The UP 2082 and UP 2162 are supplied with 4 footpad that allow to place the unit on a table.

To ensure proper heat dissipation, install the player while leaving clearances of 0,1 m between the player and wall or other components.

In case the UP 2082 and UP 2162 will be assembled in a cabinet use the ear rack brackets included.

The power amplifiers have forced ventilation controlled by a thermostat. Air ventilation is horizontally (looking at the front panel: from left to right), so it is necessary to keep open the lateral sides. The power amplifiers can be stacked without spaces or ventilation panels

ACCESSORIES (included)

- 1 Male Audio Input connector 10 pole
- 1 Male output connector 4 pole
- Safety protection cover for 100 V output connector
- Rack ears with screw
- AC Power cord
- User's Guide
- Quick Start Instruction
- Warranty Card

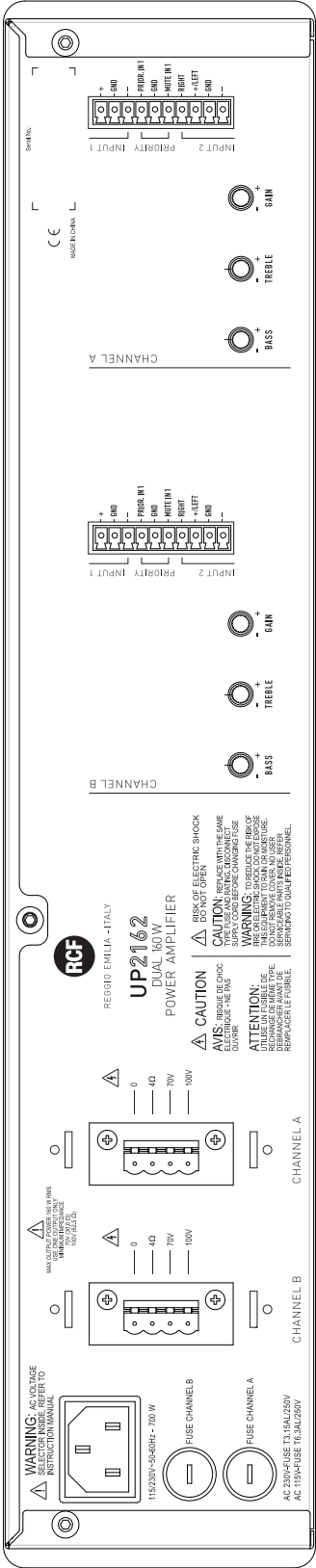
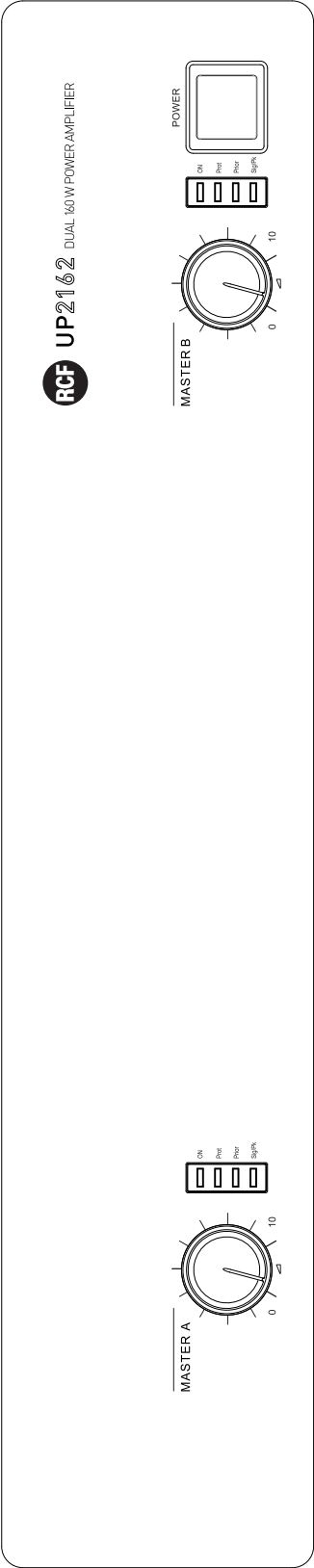
ACCESSORIES (not included)

- AR 3000 rack mounting support 3 units (code 133 60 101 Optional)
- BM 3001 microphone console with CAT5 cable and RJ 45 connector (code 143 22 008 Optional)

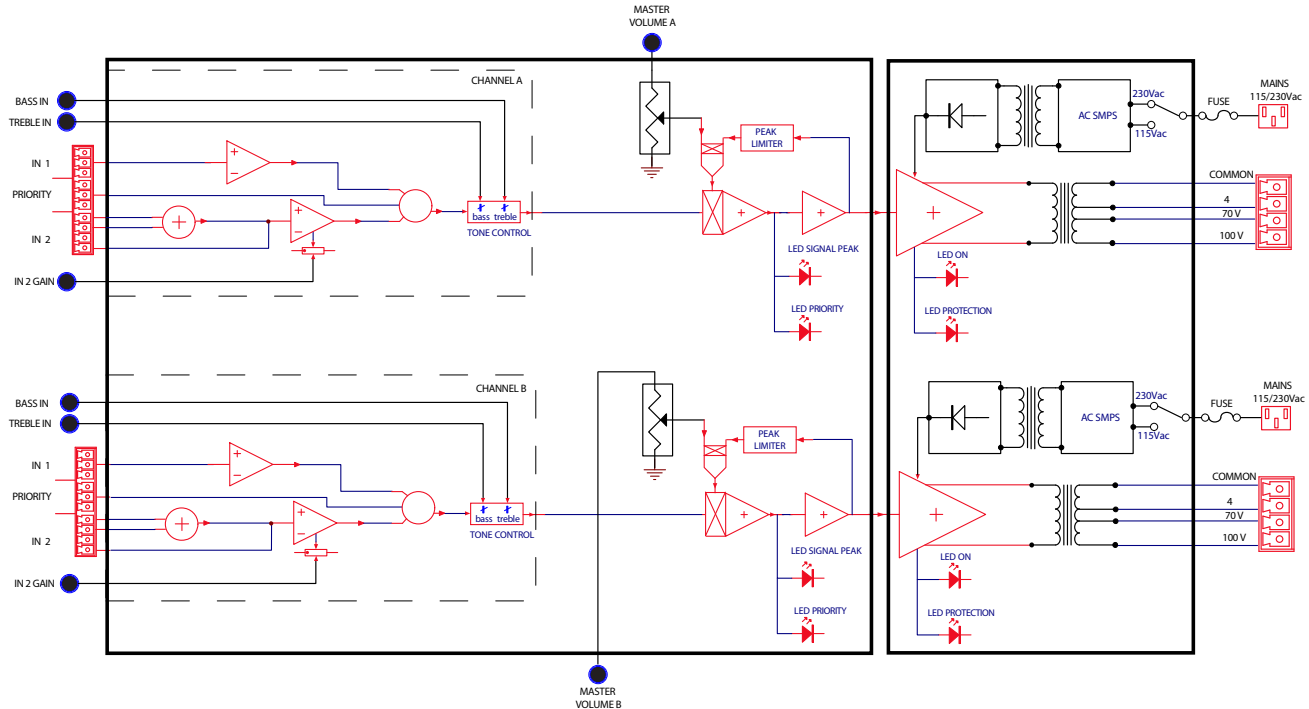


UP 2082 - UP 2162

FRONT PANEL & REAR PANEL



SCHEMATICS

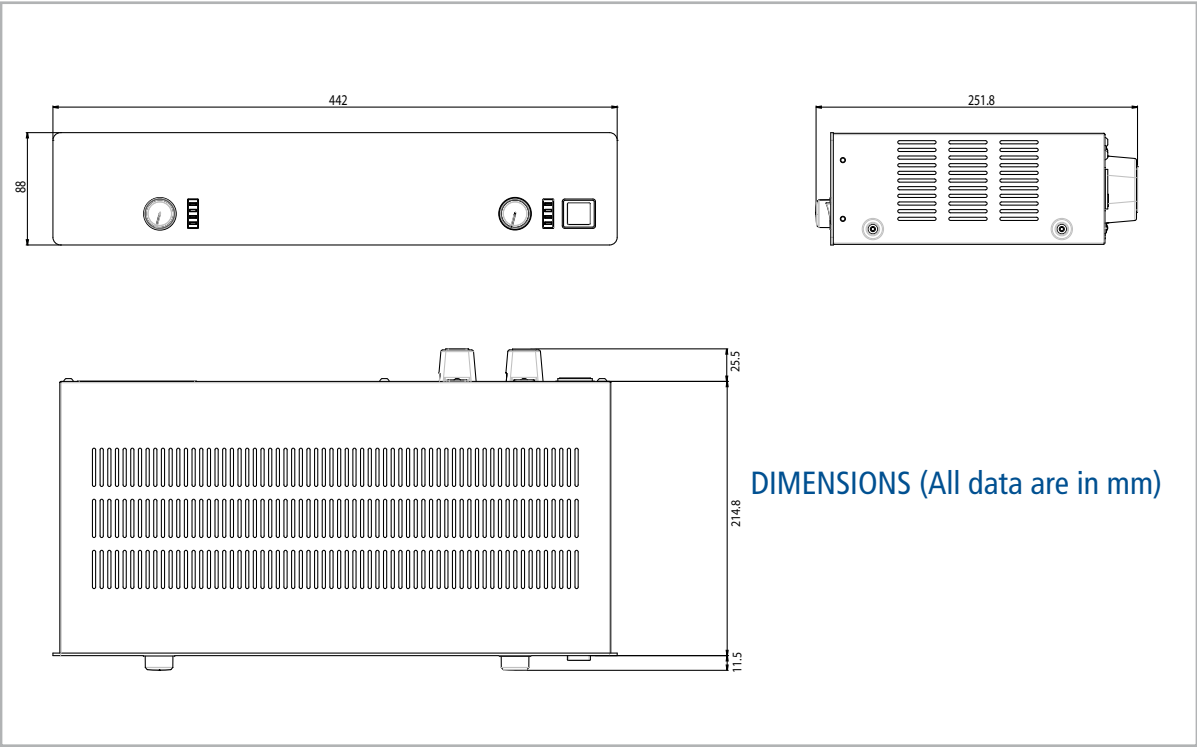


UP 2082 - UP 2162

PART NUMBERS

UP 2082: 12135066 - UP 2162: 12135065

1.0-J-J



SPECIFICATIONS

AMPLIFIER

Output power	80 + 80 W RMS (UP 2082); 160 + 160 W RMS (UP 2162)
Frequency response (± 3 dB)	50 Hz ÷ 13.5 kHz
Frequency response (± 6 dB)	30 Hz ÷ 20 kHz
Signal / noise ratio	80 dB
Distortion	< 0,3 % (at 1 kHz, nominal power)
Input tone controls	± 8 dB @ 100 Hz (bass); ± 8 dB @ 10 kHz
Input 1 Sensitivity (balanced)	0 dBu
Input 2 Sensitivity (balanced)	Adjustable – 20 ÷ 0 dBu
Input Impedance	20 kΩ (Stereo 10 kΩ)
Loudspeaker Outputs min.	4 Ω (Low impedance) 70 V (63Ω)/100 V (125Ω) (Constant voltage UP 2082) 70 V (31Ω)/100 V (63Ω) (Constant voltage UP 2162)

Protections Amplifier	Overload, Short circuit, Thermal
Protections Power supply	Fuses UP 2082 (T1.6AL - 250 V ;T3.15AL - 250 V) Fuses UP 2162 (T3.15AL - 250 V ;T6.3AL - 250 V)
Operating voltage	220÷240 / 110÷120 V ~ 50 / 60 Hz
Power (consumption)	350 W (UP 2082); 700 W (UP 2162)
Dimensions (W, H, D)	442 x 88 x 230 mm
Net weight	5 kg (UP 2082); 7 kg (UP 2162)
Operating temperature	-25° to +55°
Relative humidity	90% non condensing

