

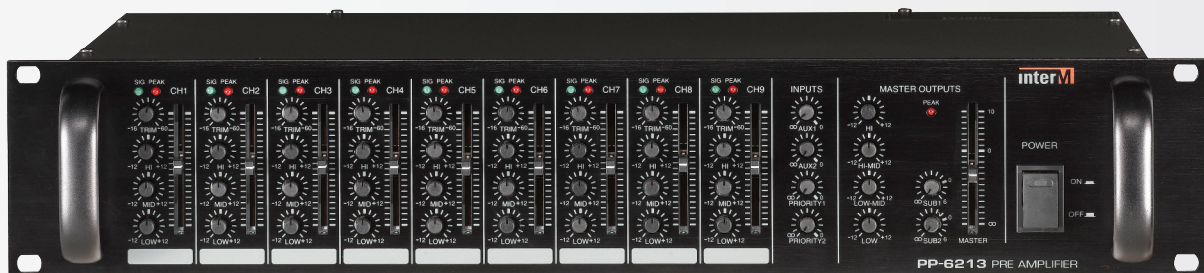
Audio Pre Amplifier

# PP-6213



# Audio Pre Amplifier

## PP-6213



- **9 CHANNEL INPUT, 1 CHANNEL FOR MASTER OUTPUT, 2 CHANNEL FOR SUB OUTPUT, 1 CHANNEL FOR RECORDING OUTPUT**

- 9 channel input and 1 channel for master output and 2 sub channel for flexible use and 1 channel for recording output which is not affected by the master level fader built in.

- **AUXILIARY INPUT AND PRIORITY INPUT**

- Auxiliary Input is built in so that users can use the external sound source in there convenience and the sound source connected to 2 channels of this priority input is played prior to the other input.

- **EQ ON EACH CHANNEL**

- 3 band (High, Mid, Low) Graphic equalizers are built-in so that a user can adjust the tone of sound to there taste.

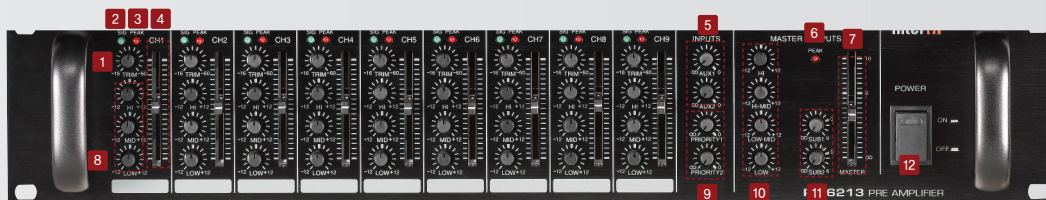
- **PHANTOM POWER**

- Phantom powers are available on channel 1 and 2 for the condenser microphone.

- **DUCKING**

- Ducking function available on channel 1 and 2 enable their sound source to be broadcast prior to the others. A user can select whether to use it or not.

## FRONT/REAR PANEL

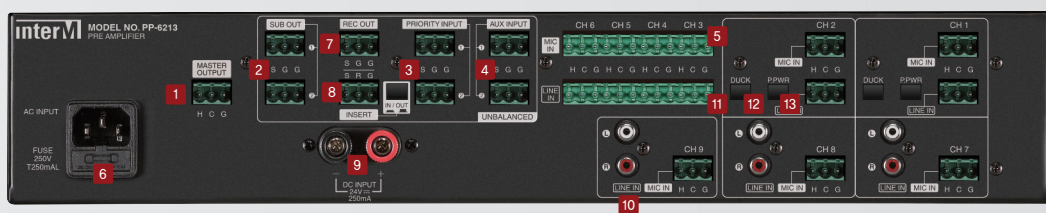


- |                                 |                                  |
|---------------------------------|----------------------------------|
| 1 TRIM CONTROLS 1~9             | 8 CHANNEL EQ CONTROLS (3 BAND)   |
| 2 SIGNAL INDICATORS 1~9         | 9 PRIORITY CONTROLS              |
| 3 PEAK INDICATORS 1~9           | (PRIORITY 1, PRIORITY 2)         |
| 4 CHANNEL FADERS 1~9            | 10 MASTER EQ CONTROLS            |
| 5 AUX INPUT LEVELS (AUX1, AUX2) | (4 BAND EQUALIZER)               |
| 6 MASTER PEAK INDICATOR         | 11 SUB OUTPUT CONTROLS (SUB1, 2) |
| 7 MASTER OUTPUT CONTROL         | 12 POWER SWITCH                  |

- Type A (EC & Associated)

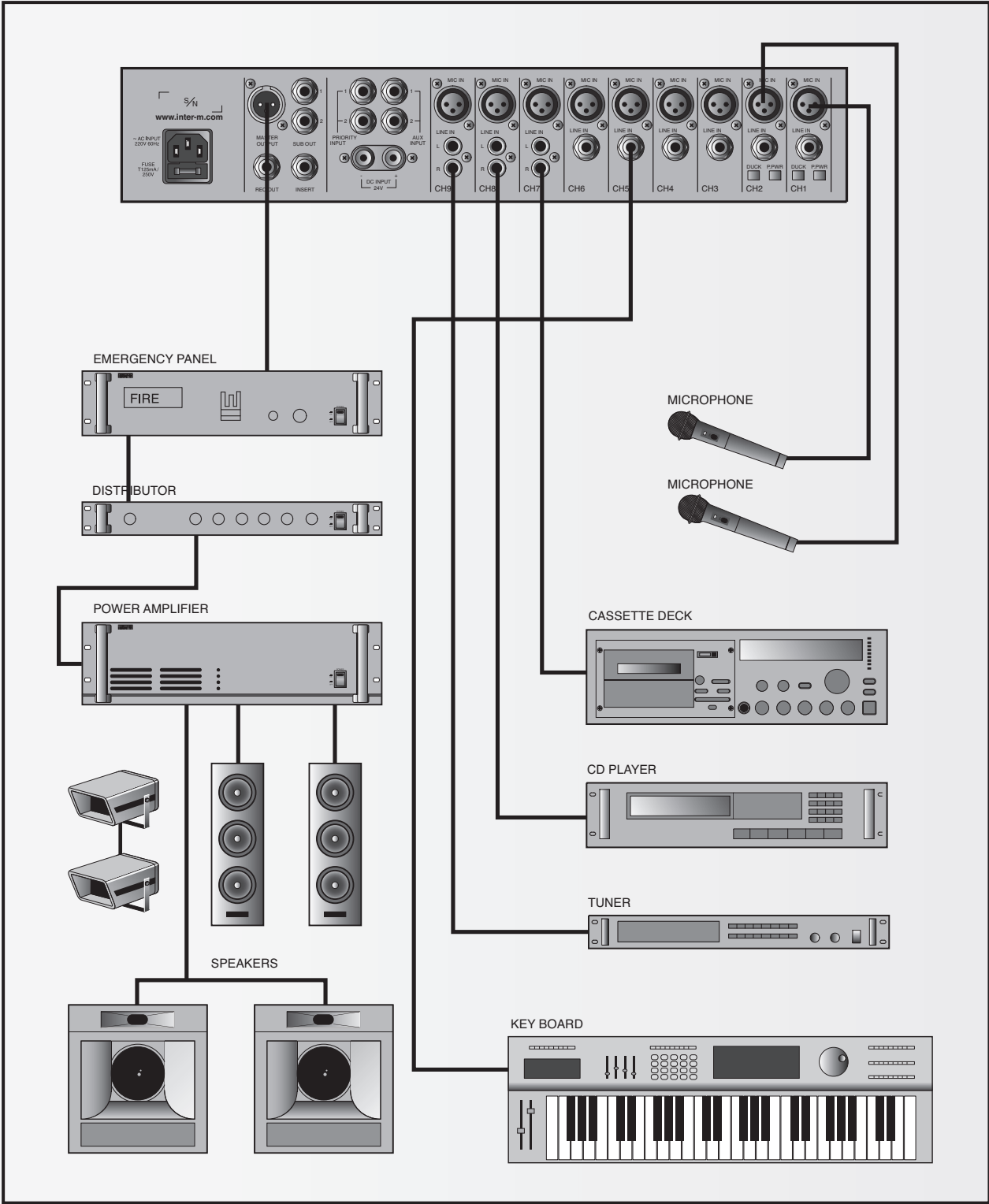


- Type B (USA/CANADA & Associated)

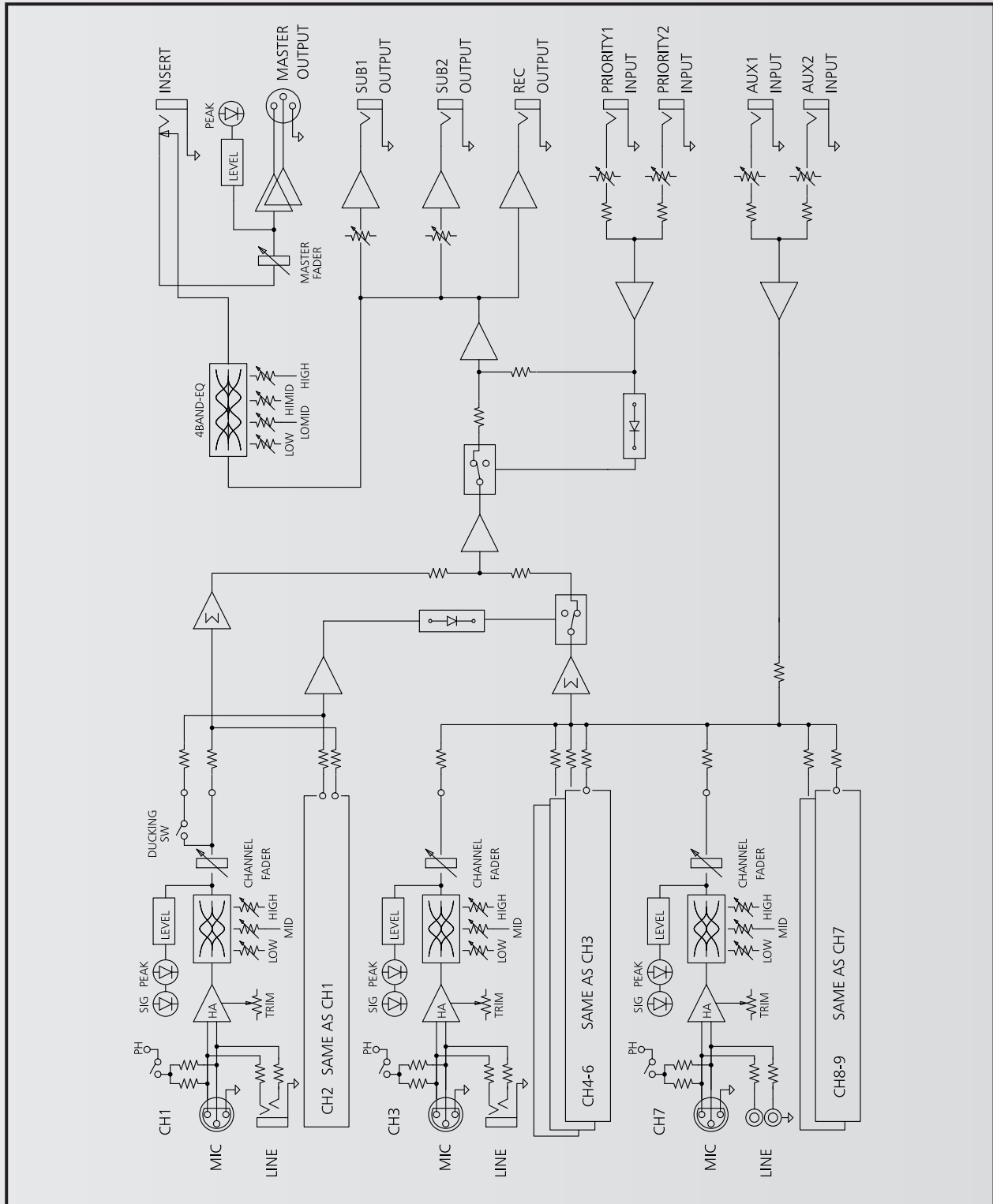


- |                                |                           |
|--------------------------------|---------------------------|
| 1 MASTER OUTPUT                | 8 INSERT                  |
| 2 SUB OUTPUTS 1-2              | 9 DC INPUT TERMINALS      |
| 3 PRIORITY INPUTS 1-2          | 10 STEREO LINE INPUTS 7-9 |
| 4 AUX INPUTS 1-2               | 11 MONO LINE INPUTS 1-6   |
| 5 MIC INPUTS 1-9               | 12 PRIORITY SWITCHES      |
| 6 AC CONNECTOR AND FUSE HOLDER | 13 PHANTOM POWER SWITCHES |
| 7 REC OUTPUT                   |                           |

# APPLICATIONS



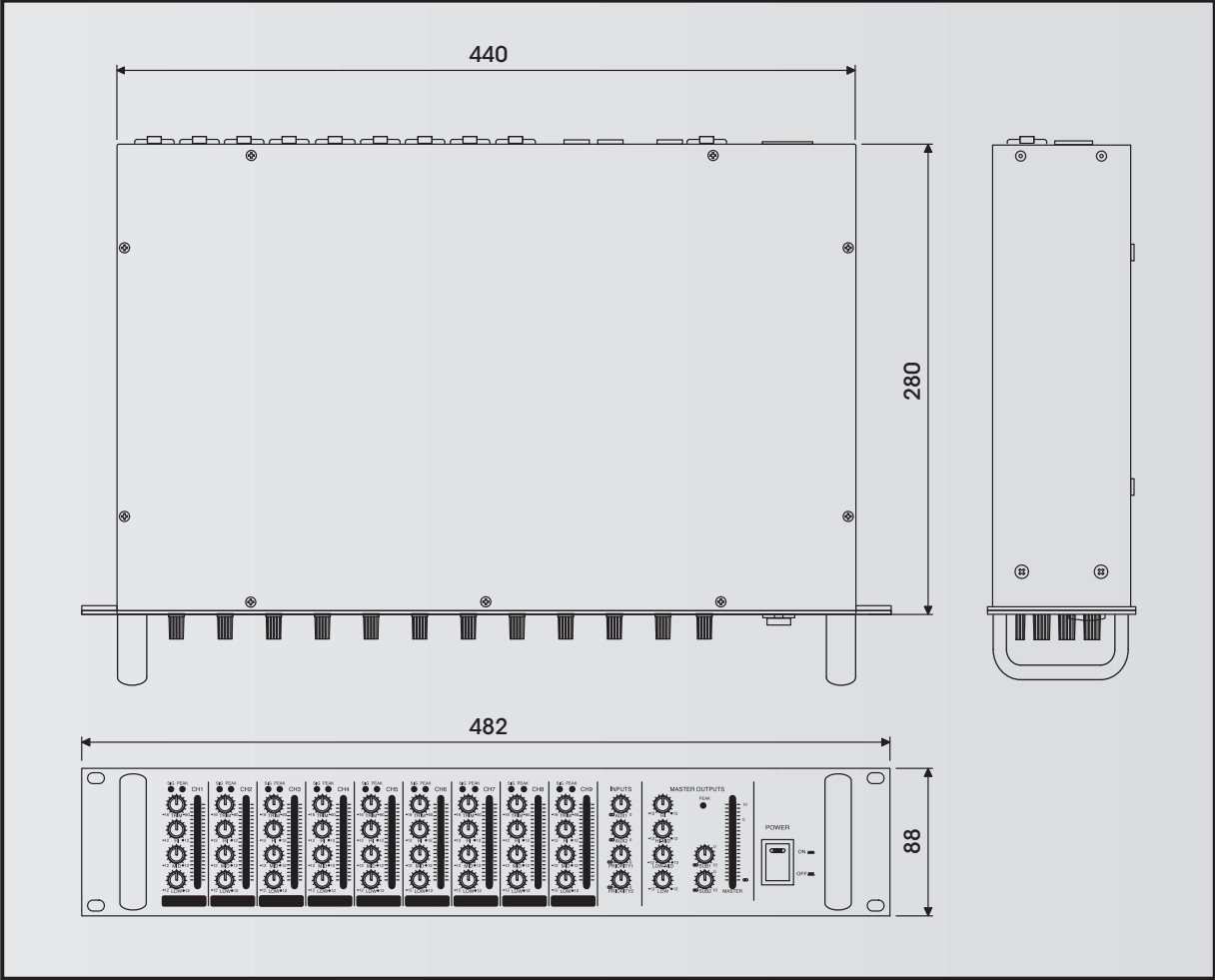
# BLOCK DIAGRAM



## SPECIFICATIONS

|                              |                | PP-6213                                                                                              |
|------------------------------|----------------|------------------------------------------------------------------------------------------------------|
| Rated Output (1kHz)          | Master Output  | +4dBm/600Ω, BAL                                                                                      |
|                              | SUB 1,2 Output | +4dBm/600Ω, UNBAL                                                                                    |
|                              | REC Output     | -10dBm/10kΩ, UNBAL                                                                                   |
| Input Sensitivity /Impedance | MIC (CH1~CH9)  | -60dBm/600Ω, BAL                                                                                     |
|                              | LINE (CH1~CH6) | -20dBm/47kΩ, BAL                                                                                     |
|                              | LINE (CH7~CH9) | -20dBm/47kΩ, UNBAL                                                                                   |
|                              | AUX 1,2        | -10dBm/20kΩ, UNBAL                                                                                   |
|                              | Priority 1,2   | 0dBm/20kΩ, UNBAL                                                                                     |
|                              | Insert         | 0dBm/20kΩ, UNBAL                                                                                     |
| T.H.D                        |                | Less than 0.3%                                                                                       |
| Frequency Response           |                | 20Hz–20kHz (+1d, -3dB)                                                                               |
| Input Channel Equalizer      | HIGH           | ±12dB (10kHz)                                                                                        |
|                              | MID            | ±12dB (1kHz)                                                                                         |
|                              | LOW            | ±12dB (100HZ)                                                                                        |
| Output Channel Equalizer     | HIGH           | ±12dB (10kHz)                                                                                        |
|                              | HI-MID         | ±12dB (2kHz)                                                                                         |
|                              | LOW-MID        | ±12dB (400Hz)                                                                                        |
|                              | LOW            | ±12dB (80Hz)                                                                                         |
| Residual Noise (at V/R Min)  |                | Less than -90dB                                                                                      |
| Crosstalk                    |                | Less than -60dB                                                                                      |
| Phantom Power                |                | +18V DC                                                                                              |
| Operation Temperature        |                | -10°C ~ +40°C/14°F~104°F                                                                             |
| Power Source                 |                | 100–120VAC or 220–240VAC; 50/60Hz<br>(Supplied AC mains transformer depends on country requirements) |
| Power Consumption            |                | 10W                                                                                                  |
| Weight (SET)                 |                | 4.8kg/10.6lb                                                                                         |
| Dimensions (SET)             |                | 482(W)x88(H)x280(D)mm/19(W)x3.5(H)x11(D)in                                                           |

DIMENSIONS





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