



# Audio – Visual Station

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## Sub-Group Live Mixing Console

Model: MX-1604B

### Features

- 2~10 MONO input channels and 4 STEREO input channels (2 stereo input channels can also be used as MIC input channels).
- Signal and peak indicators on all input channels.
- INSERT function for each mono input channel, three-band equalizer for each microphone input channel.
- 4 segment LED meters show the level of main out and group out separately balanced or unbalanced sockets can be selected for main out.
- 2 AUX inputs, 2 AUX outputs and 1 stereo record outputs.
- A built-in 24 bits DSP stereo digital effector with 99 kinds of reverb effects.
- Nine-band stereo graphic equalizer: 63Hz, 125Hz, 250Hz, 500Hz, 1KHz, 2KHz, 4KHz, 8KHz, 16KHz, +/-12dB.
- Built-in +48V phantom power for condenser microphones
- Built-in power supply
- Max output level: +20dB/+26dB (balanced)
- Equivalent input noise of MIC input channel: -124dB
- Total harmonic distortion: <0.1%



Handle for Portable easy



## SPECIFICATIONS

| Inputs         | Number      | Input modes | Connector   | Input Impedance | Rated Input level |
|----------------|-------------|-------------|-------------|-----------------|-------------------|
| Microphones    | 4/6/8/10/12 | Balanced    | XLR         | 2Kohm           | -60dB             |
| Mono LINE IN   | 2/4/6/8/10  | Balanced    | 3-poles TRS | 47Kohm          | -40dB             |
| Stereo LINE IN | 2           | Unbalanced  | 2 TRS       | 10Kohm          | -10dB             |
| Stereo LINE IN | 2           | Unbalanced  | 2 RCA+2 TRS | 10Kohm          | -10dB             |
| Stereo AUX RET | 1           | Unbalanced  | 2 TRS       | 10Kohm          | -10dB             |

| Outputs         | Number | Outputs modes | Connector   | Outputs Impedance | Rated Output level |
|-----------------|--------|---------------|-------------|-------------------|--------------------|
| Stereo MAIN OUT | 1      | Balanced      | 2 XLR       | 150ohm            | +10dB              |
| Stereo MAIN OUT | 1      | Unbalanced    | 2 TRS       | 75ohm             | +4dB               |
| SUB OUT         | 2      | Unbalanced    | 2 TRS       | 75ohm             | +4dB               |
| AUX SEND        | 2      | Unbalanced    | 2 TRS       | 75ohm             | +4dB               |
| EFF SEND        | 2      | Unbalanced    | 2 RCA       | 75ohm             | +4dB               |
| Stereo REC OUT  | 1      | Unbalanced    | 2 RCA       | 10Kohm            | -10dB              |
| HEADPHONE       | 1      | Stereo out    | 3-poles TRS | 100ohm            | 3mW @36ohm         |

| Max gain | Signal route                | Conditions               |
|----------|-----------------------------|--------------------------|
| 76dB     | MIC IN-----MAIN OUT L/R     | @620ohm Load, balanced   |
| 70dB     | MIC IN-----L/R,SUB,AUX OUT  | @620ohm Load, unbalanced |
| 78dB     | MIC IN-----EFF OUT          | @620ohm Load             |
| 58dB     | MIC IN-----REC OUT          | @10Kohm Load             |
| 26dB     | ST LINE IN-----MAIN OUT L/R | @620ohm Load, balanced   |
| 28dB     | AUX RET-----MAIN OUT L/R    | @620ohm Load, balanced   |

|                           |                                |                                 |
|---------------------------|--------------------------------|---------------------------------|
| Channel EQ                | HI 12KHz MID 2.5KHz LOW 80Hz   | max equalizing value +/-15dB    |
| Main Graphic EQ           | 63,125,250,500Hz,1,2,4,8,16KHz | max equalizing value +/-12dB    |
| DSP digital effector      |                                | 32 kinds of effect states 24bit |
| Total harmonic distortion | <0.1%                          | @+14dB 20~20000Hz 620ohm load   |
| Frequency response        | +1/-2dB @+4dB                  | 20~20000Hz 620ohm load          |
| Max out level             | +20dB/+26dB<balanced>          | @0.5%THD 1KHz 620ohm load       |
| Microphone preamp E.I.N   | -124dB                         | @ 150ohm , at max gain          |

| Type              | MX1004        | MX1204     | MX1404     | MX1604     | MX1604     |
|-------------------|---------------|------------|------------|------------|------------|
| Power             | AC 230V, 50Hz |            |            |            |            |
| Power consumption | 30VA          | 33VA       | 36VA       | 39VA       | 42VA       |
| Weight (Kg)       |               |            |            |            |            |
| Dimensions(mm)    | 312x448x88    | 365x448x88 | 418x448x88 | 471x448x88 | 524x448x88 |

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\* Weight and dimensions indicated above are approximately.

\*\* Specifications are subject to change without notice.