

MT-200

Two-Channel Main Station



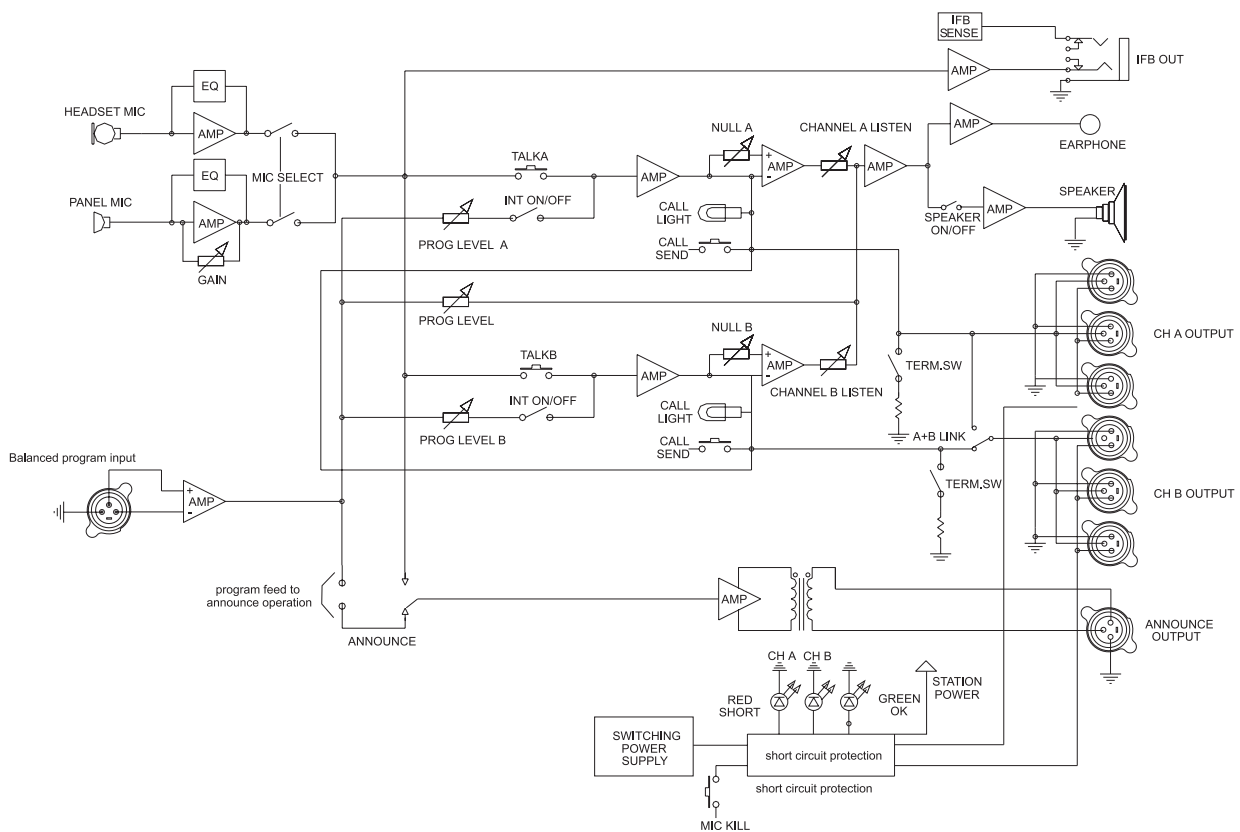
MT-200 is a two-channel main station of an intercom system with built-in power supply. Each channel has independent power supply output and short-circuit protection. Up to 20 substations can be supported.

Featuring powerful functions, perfect voice and simple operation, MT-200 is ideal for applications in studio, master control, OBV, entertainment, education and enterprises.

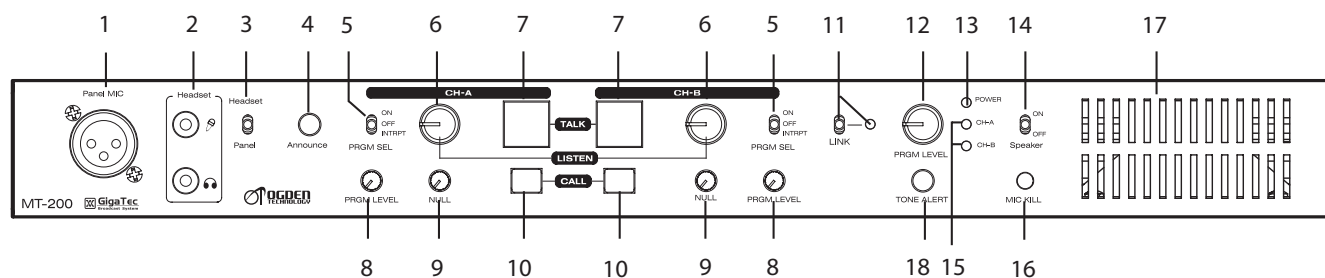
KEY FEATURES AND BENEFITS

- 2 individual communication channels
- Tone alerting
- Volume control and null adjustment on each channel
- Announce function
- MIC gain adjustment
- Link function
- Remote MIC kill switch can turn off all talk on remote substations and belt packs
- All-talk function allows communication with all substations
- Power supply with short-circuit protection for each channel

BLOCK DIAGRAM

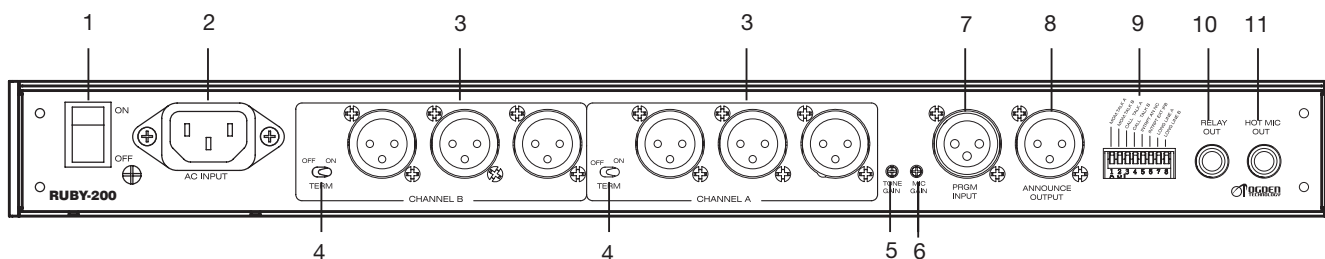


FRONT VIEW



- | | | |
|------------------------------|----------------------------------|------------------------------|
| 1. Panel MIC input | 7. Talk button | 13. Power LED indicator |
| 2. Headset I/O | 8. Program output volume control | 14. Speaker on/off switch |
| 3. MIC/headset selector | 9. Null adjustment | 15. Short-circuit indicators |
| 4. Announce button | 10. Call button | 16. MIC kill button |
| 5. Program channel selection | 11. Link switch and indicator | 17. Loudspeaker |
| 6. Listen volume control | 12. Program input volume control | 18. Tone alerting |

REAR VIEW



- | | | |
|-----------------------------------|---------------------------|--------------------------------|
| 1. Power on/off switch | 5. Call tone gain control | 9. Function selection switches |
| 2. AC power supply input | 6. MIC input gain control | 10. Relay output |
| 3. 2 groups of channel interfaces | 7. Program source input | 11. External IFB output |
| 4. Terminal on/off switch | 8. Announce output | |

SPECIFICATIONS

Specifications are subject to change without notice.

INTERCOM CHANNEL

Impedance.....200 Ω
S/N Ratio.....>70 dB
Frequency Response..... ± 2 dB, 150 Hz ~ 18 kHz

HEADSET INPUT

Connector.....3.5 mm Phone Jack
Gain.....+49 dB
Impedance.....1 k Ω
Frequency Response..... ± 2 dB, 150 Hz ~ 18 kHz

MIC INPUT

Connector.....XLR ($\times 1$)
Gain.....+49 dB
Impedance.....1 k Ω
Frequency Response..... ± 2 dB, 150 Hz ~ 18 kHz

MAIN PROGRAM SOURCE INPUT

Connector.....XLR ($\times 1$)
Input Level Range.....-10 ~ 0 dBu
Impedance.....>10 k Ω
Frequency Response..... ± 2 dB, 150 Hz ~ 18 kHz

LINE OUTPUT (ANNOUNCE)

Connector.....XLR ($\times 1$)
Output Standard Level.....0 dBu
Impedance.....600 Ω
Frequency Response..... ± 2 dB, 150 Hz ~ 18 kHz

SPEAKER OUTPUT

Impedance.....8 Ω
Frequency Response..... ± 2 dB, 150 Hz ~ 18 kHz
Power.....5 W

MECHANICAL

Width.....19 in. (483 mm)
Height.....1RU (44 mm)
Depth.....8.66 in. (220 mm)

ELECTRICAL

Power Supply.....80 ~ 260 V AC
Power Consumption.....50 W

ENVIRONMENTAL

Operating Temperature.....32° ~ 104° F (0° ~ 40° C)
Relative Humidity.....10% ~ 90%