



Single Channel Power Amplifier KNMK-650

Descriptions

The range of power amplifiers is designed for general commercial and industrial public address applications. Rack mount design in 3U type, rated power ranges from 350W, 500W, 650W, which provides a wide selection to meet different size sound system demands. Both balanced and unbalanced line inputs make it selectable for installer, balanced line output feeds to another power amplifier as well as secures the signal transmission is less noise and longer distance. 70V, 100V and 4-16ohm speaker outputs are convenient for installation when selection different speaker matching. A master volume control is included. Complete protection includes clip, short circuit, high temp and overload. Indications for power, signal, clip, protection and temp.

Features

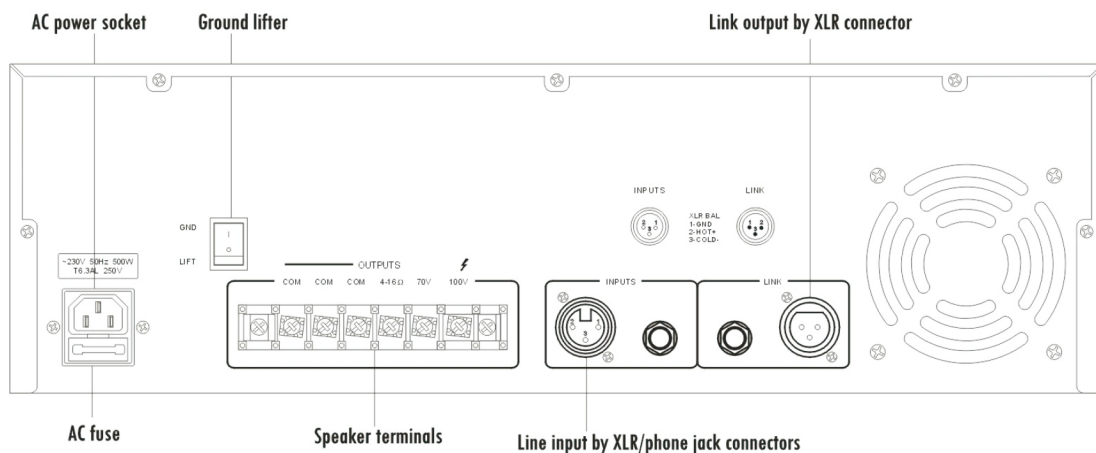
- * Rack mount amplifier in 3U type
- * Rated power from 350W, 500W, 650W
- * 70V, 100V and 4-16ohm speaker outputs
- * Isolated transformer for human safety operation
- * Balanced XLR type line input and unbalanced 1/4 inch TRS phone jack line input
- * Balanced XLR type line output feeds to another power amplifier
- * Reliable protection of over heat, over load, clip & short circuit
- * Indications for power, signal, clip, protection and temp
- * Excellent device of radiator cooling fanner that ensures working effectively

Optional

- * DC 24V input available on less than 500W models
- * Panel with/without handhold
- * Faults monitoring module, it can output short circuit signal to achieve main/spare amplifier switch

Specifications

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| Model | KNMK-650 |
| Rated Power Output | 500W |
| Speaker Outputs | 70V, 100V & 4~16 Ω |
| Input Sensitivity & Impedance | $\pm 385\text{mV}/20\text{K } \Omega$, Balanced XLR Input $775\text{mV}/10\text{K } \Omega$, Unbalanced TRS Input |
| Output Sensitivity & Impedance | $\pm 385\text{mV}/470 \Omega$, Balanced XLR output $775\text{mV}/470 \Omega$, Unbalanced TRS output |
| Overload Electromotive Force | > 15dB |
| Frequency Response | 50Hz~16KHz(+1dB, -3dB) |
| S/N Ratio | > 90dB |
| THD | Less than 0.1% at 1KHz, 1/3 rated power |
| Ground Lift | Lift the earth line ground by switch GND/lift to "lift" position |
| Cooling | Fan automatically start up when temp reaches 55°C |
| Protection | Over heat, over load, clip & short circuit |
| Power Supply | ~110V-230V 50/60Hz or DC 24V |
| Power Consumption | 720W |
| Weight | 15.24Kg |
| Dimensions | 484x359x132mm |
| Finish | Panel: aluminum plate, black Case: Steel plate, black |



Connections

1-Channel Power Amplifier
T-6350/T-6500/T-6650

70V/100V Speakers
(Total speaker load: <80% amplifier's rated output)

