

OPERATIONS MANUAL – K-PRO12

Professional Molded Loudspeaker

Introduction:

Congratulations on your purchase of the amplified loudspeaker; The trapezoidal design was used for a more precise and accurate sound and will add increased sound definition on vocal frequencies. This state of the art speaker will give you years of enjoyment.

Features:

- 2-way configuration with active filter
- Stand mounting socket
- Metal Grill
- 12" woofer, 2" VC
- Auxiliary Line Output
- With DSP processor
- Class D Bi-amplifier
- Bluetooth function
- Rubber Feet

Cautions:

1. All operating instructions should be read before using this equipment.
2. To reduce the risk of electric shock, do not open the unit. There are NO REPLACEABLE PARTS INSIDE. Please refer servicing to a qualified service technician.
3. Do not expose this unit to direct sunlight or to a heat source such as a radiator or stove.
4. This unit should be cleaned only with a damp cloth. Avoid solvents or other cleaning detergents.
5. When moving this equipment, it should be placed in its original carton and packaging. This will reduce the risk of damage during transit.
6. DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.
7. DO NOT USE ANY SPRAY CLEANER OR LUBRICANT ON ANY CONTROLS OR SWITCHES.
8. Make sure ALL of your equipment is completely OFF and lower ALL VOLUME, LEVEL & GAIN controls before connecting the speaker.
9. ONLY LINE LEVEL SIGNALS CAN BE SENT TO YOUR SPEAKER.



This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC warning:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

IC warning

- English: This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

- French: Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Disregarding any of the above will void your warranty!!!!

Functions:

1.Line input for CH A: Use combination XLR and 1/4" jack connector input balanced or unbalanced.

2.MIC/LINE switch for CH A:Use the MIC position when a microphone is connected.Use the LINE position when a line level source such as an audio mixing console, audio playback device, or electronic musical instrument is connected.

3.Volume for CH A: Channel Volume control adjusts the gain on the particular channel CH A.

4.Bluetooth pairing button:Start to Bluetooth pairing if press this button for 2 - 3 seconds, in the connection state, pressing this button will cancel the Bluetooth connection, and then you can replace the device you want to pair. Press this button again for 2 - 3 seconds to turn off the Bluetooth. LED indicates the status: litting said connected already, slow flash indicates the music is playing, quick flash is means matching.

Bluetooth can be found automatically and be connected automatically from second time. If no connection, Bluetooth will be off automatically after 2 seconds.

5.Line input for CH B: Use combination XLR and 1/4" jack connector input balanced or unbalanced.

6.Volume for CH B: Channel Volume control adjusts the gain on the particular channel CH B.

7.AUX IN: Use a 1/8" TRS cable to connect a line-level audio source.

8.Line in: Use RCA connector balanced or unbalanced.

9.Output: Use XLR connector balanced or unbalanced.

10.DSP Presets: Use this button to toggle through the 5 different settings.

FLAT: Recommended mode for general entertainment setup: wedding, party, clubbing etc, the perfect choice for CD player, MP3 player general music playback. Its flat frequency response allows you to freely adjust bass and high depending on your room.

ROCK: Recommended mode for live music, bands, guitar songs etc. The perfect setup for rock music, pushing to the front the sound of the electric guitar, the strong and punch of the drums, taking off all superfluous frequencies such as low basses.

EXT SUB: The EXT MODE features same frequency specifications than the FLAT mode but with a strong low cut filter @80Hz. Select this mode if you are using an external SUBWOOFER.

ELECTRO: A balanced setup between bass, mid and high, in order to get a good balanced curve adjustment for your favorite pop music. With a grain of medium and a grain of bass, your music will sound great.

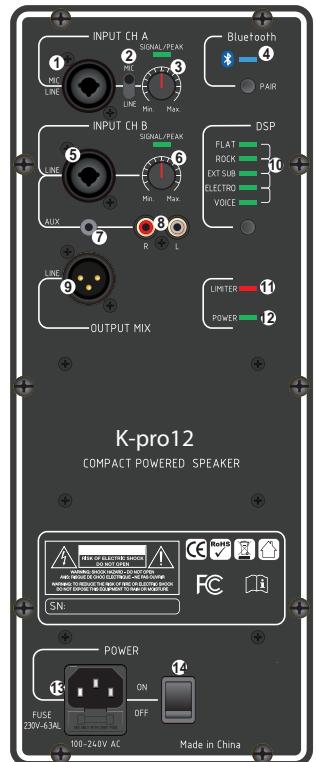
VOICE: This mode is specially processed to bring high intelligibility and clear sound to a speaker voice using a microphone. With a boost curve for medium frequencies and DSP adjusted selected frequencies, this mode also reduces risks of Larsen feedback.

11.Limiter indicator: Illuminated just before the amplifier begins to clip and distort. Adjust the level control and signal level from your source so this illuminates only briefly on peaks in the music. Using the system with this on all or much of the time will result in poor sound quality and damage the speakers and electronics.

12.Power indicator: Illuminates when the unit is connected to the main supply and switched on.

13.Power supply inlet.

14.Power supply switch.



Make sure ALL of your equipment is completely OFF and lower ALL VOLUME, LEVEL & GAIN controls before connecting the speaker.

Connections:

1. For this unit you can connect a mixer, microphone or CD player directly into your speaker. To connect a microphone use XLR connector to connect to the INPUT1(1) and INPUT2 (5) input.

2. You can LINK additional speakers using the OUTPUT(9) connection. The amplifier on your speaker will only power this speaker. If you LINK to additional speakers those speakers must be self amplified.

3. Turn on your mixer/microphones or other signal source, then turn on your unit. Now you can adjust your volume controls to a reasonable level.