

LTC ATM8000BT

LTC ATM8000BT Hybrid Amplifier Karaoke Hi-Fi with FM User Manual

1. INTRODUCTION

The LTC ATM8000BT is a versatile hybrid amplifier featuring an integrated FM tuner, Bluetooth connectivity, and multiple input options including USB, SD, and MP3. It supports surround sound speaker configurations and offers karaoke functionality with two microphone inputs and adjustable effects. This manual provides detailed instructions for setup, operation, and maintenance to ensure optimal performance and longevity of your device.

2. SAFETY INSTRUCTIONS

- Read all instructions carefully before operating the amplifier.
- Do not expose the unit to rain or moisture to prevent fire or electric shock.
- Ensure proper ventilation. Do not block any ventilation openings.
- Place the amplifier on a stable, level surface.
- Do not place objects filled with liquids, such as vases, on the apparatus.
- Unplug the unit from the power outlet during lightning storms or when unused for long periods.
- Refer all servicing to qualified service personnel.

3. PRODUCT OVERVIEW

3.1 Front Panel



This image displays the front panel of the LTC ATM8000BT amplifier. Key features visible include the power button, USB and SD card slots, MP3 and microphone inputs, a digital display, and various control knobs for volume, microphone effects, and audio output.

- **POWER Button:** Turns the unit on or off.
- **HI/REC Button:** Activates high-frequency adjustment or recording function.
- **C/J/X Button:** Used for control, jumping tracks, or exiting menus.
- **INPUT Button:** Selects the audio input source (e.g., FM, Bluetooth, USB, SD, Optical, MP3).
- **FUNCTION Button:** Cycles through various operational modes or settings.
- **EQ Button:** Adjusts equalizer settings for audio output.
- **SPEAKER A/B Button:** Selects speaker output groups A, B, or A+B.
- **USB Port:** For connecting USB storage devices for playback or recording.
- **SD Card Slot:** For inserting SD memory cards for playback or recording.
- **MP3 Input (3.5mm jack):** For connecting external MP3 players or smartphones.
- **MIC1 Input (6.35mm jack):** First microphone input for karaoke or voice.
- **MIC2 Input (6.35mm jack):** Second microphone input for karaoke or voice.
- **Digital Display:** Shows current mode, track information, and settings.
- **SUB OUT Knob:** Adjusts the subwoofer output level.
- **PRE OUT Knob:** Adjusts the pre-amplifier output level.
- **MASTER VOLUME Knob:** Controls the overall output volume of the amplifier.
- **MIC VOL Knob:** Adjusts the volume level of the connected microphones.
- **MIC BASS Knob:** Adjusts the bass frequency level for microphone input.
- **MIC TREBLE Knob:** Adjusts the treble frequency level for microphone input.
- **MIC ECHO Knob:** Adjusts the echo effect applied to microphone input.

4. SETUP

4.1 Speaker Connections

Connect your speakers to the appropriate speaker terminals on the rear panel of the amplifier. The ATM8000BT supports multiple speaker outputs (4 x 75W + 3 x 20W) with an impedance of 8 Ohms. Ensure correct polarity (+ to + and - to -) for all speaker connections to prevent audio phase issues.

4.2 Audio Source Connections

- **Optical Input:** Connect digital audio sources like TVs, CD players, or game consoles using an optical cable.
- **MP3 Input:** Use a 3.5mm audio cable to connect portable devices such as smartphones or MP3 players to the front panel MP3 jack.
- **USB/SD:** Insert a USB flash drive or SD memory card into the respective slots on the front panel.

4.3 Microphone Connections

Plug your microphones into the MIC1 and MIC2 6.35mm jack inputs located on the front panel. Ensure microphones are securely connected before use.

4.4 Power Connection

Connect the provided power cable to the amplifier's power input and then to a standard AC 220-240V ~ 50/60Hz electrical outlet.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press the **POWER** button on the front panel to turn the amplifier on or off. The digital display will illuminate when the unit is powered on.

5.2 Input Selection

Press the **INPUT** button repeatedly to cycle through the available audio sources: FM, Bluetooth, USB, SD, Optical, and MP3. The selected input will be shown on the digital display.

5.3 Bluetooth Operation

1. Select the Bluetooth input using the **INPUT** button.
2. On your smartphone or other Bluetooth-enabled device, search for available Bluetooth devices.
3. Select 'ATM8000BT' from the list to pair. The amplifier will indicate a successful connection.
4. You can now play audio from your device through the amplifier.

5.4 FM Tuner Operation

Select the FM input. Use the navigation buttons (e.g., **C/J/X**, **HI/REC**) to scan for radio stations. The amplifier supports programmable stations for easy access to your favorites.

5.5 USB/SD Playback & Recording

Insert a USB drive or SD card into the corresponding slot. The amplifier will automatically detect and begin playing compatible audio files. To record audio from another source onto the USB/SD media, select the desired input and then press the **HI/REC** button to initiate recording.

5.6 Karaoke Function

After connecting microphones to MIC1 and MIC2 inputs:

- Adjust microphone volume using the **MIC VOL** knob.
- Fine-tune vocal tone with the **MIC BASS** and **MIC TREBLE** knobs.
- Add an echo effect to your vocals using the **MIC ECHO** knob.

5.7 Volume Control

Adjust the overall output volume of the amplifier using the large **MASTER VOLUME** knob. Individual adjustments for subwoofer output and pre-amplifier output are available via the **SUB OUT** and **PRE OUT** knobs, respectively.

6. MAINTENANCE

To ensure the longevity and optimal performance of your LTC ATM8000BT amplifier, follow these maintenance guidelines:

- **Cleaning:** Wipe the amplifier's exterior with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Ventilation:** Ensure that the ventilation openings on the top and sides of the unit are not blocked. Proper airflow prevents overheating.
- **Environment:** Avoid exposing the amplifier to direct sunlight, excessive heat, moisture, or extreme temperatures.
- **Servicing:** Do not attempt to open or service the unit yourself. Refer all servicing to qualified service personnel.

7. TROUBLESHOOTING

If you encounter issues with your amplifier, consult the following troubleshooting guide:

- **No Power:** Check that the power cable is securely connected to both the amplifier and a working electrical outlet. Ensure the **POWER** button is pressed.
- **No Sound Output:** Verify that the correct input source is selected. Check all speaker connections for proper polarity and secure fit. Ensure the **MASTER VOLUME** knob is turned up and not at minimum. Check individual **MIC VOL**, **SUB OUT**, and **PRE OUT** knobs if applicable.
- **Bluetooth Pairing Issues:** Ensure the amplifier is set to Bluetooth input. Confirm that your device's Bluetooth is enabled and discoverable. Try moving your device closer to the amplifier.
- **Microphone Not Working:** Check that microphones are securely plugged into the MIC1/MIC2 jacks. Adjust the **MIC VOL** knob. Test microphones with another device if possible to confirm functionality.
- **USB/SD Playback Errors:** Ensure the USB drive or SD card is formatted to a compatible file system (e.g., FAT32) and contains supported audio file types. Try a different USB drive or SD card.
- **Recording Issues:** Verify that the USB drive or SD card has sufficient free space. Ensure the correct input source is selected for recording.

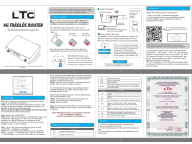
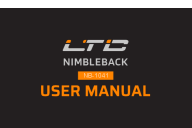
8. SPECIFICATIONS

Output Power	4 x 75 W + 3 x 20W
Power Supply	AC 220-240 V ~ 50/60 Hz
Frequency Response	20 - 20000 Hz
Input Sensitivity	450 mV
Signal-to-Noise Ratio (S/N)	> 76 dB
Impedance	8 Ohms
Microphone Input Sensitivity	20 mV
Dimensions (L x W x H)	430 x 305 x 80mm
Net Weight	6.2 kg
Connectivity	Bluetooth, USB, SD, MP3, Optical, XLR (for mics)
Special Features	FM Tuner, Recording function (USB/SD), Echo, Bass, Treble controls for microphones

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact your original retailer or the manufacturer directly. It is recommended to retain your proof of purchase for warranty claims.

Related Documents - ATM8000BT

	LTC LED 1909, 2209, 2409 Quick Start Guide Quick start guide for setting up and searching channels on LTC LED TV models 1909, 2209, and 2409, including DVB-T, DVB-S, DVB-C, and Smart TV Wi-Fi setup.
	LTC Nimbleback NB-981 Quick Guide: Multimedia and Basic Controls A quick guide detailing multimedia key functions and basic controls for the LTC Nimbleback NB-981 keyboard on both Mac and Windows systems, including backlight adjustments.
	LTC LXWT114 55W Floor Fan with Digital Display and Remote Control - User Manual User manual for the LTC LXWT114 55W floor fan. This manual provides safety warnings, specifications, assembly instructions, and operating instructions for the fan with digital display and remote control.
	LTC Nimbleback User Manual User manual for the LTC Nimbleback keyboard, covering basic information, wired connection, macro settings, backlight control, and services & support.
	LTC 4G Wireless Router Quick Installation Guide A comprehensive guide to setting up your LTC 4G Wireless Router, covering hardware connections, wireless and wired configurations, indicator lights, and frequently asked questions for easy installation and troubleshooting.
	LTC NB-1041 Nimbleback Keyboard User Manual - Features, Setup, and Support Comprehensive user manual for the LTC NB-1041 Nimbleback keyboard. Learn about basic information, wired connection, macro settings, backlight control, multimedia keys for Windows and Mac, and support services.



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Questo manuale d istruzione fornito da trovaprezzi.it. Scopri tutte le offerte per LTC **ATM8000BT** o cerca il tuo prodotto tra le migliori offerte di Personal Audio HIFI STEREO AMPLIFIER WITH BLUETOOTH FUNCTION AMPLIFICATEUR HIFI STEREO AVEC FONCTION BLUETOOTH HIFI STEREOVERSTRKER MIT BLUETOOTH FUNCT...

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Professional power amplifier with BLUETOOTH function Administrator ltc audio SAFETY

RECOMMENDATIONS Before using the device please check it for any possible damages In case of damage do not operate ATM7000USB BT man media catalog product INSTRUCTION MANUAL GB FR DE NL ES PT RO SLO E Imported from China by LOTRONIC SA Avenue Zénobe Gramme 9 1480 SAINTES Belgium Manual LTC Audio ATM 7000 USB Bluetooth djmania net manuales LINE Output Connect this output to another or active speaker DVD Input your CD other passive signal here REMOTE CONTROL Mute Press button mute unit Play Pause play pause playing Stop stop switch among all inputs lotronic

Karaoke amplifier with BLUETOOTH function Amplificateur KARAOKE avec fonction BLUETOOTH KARAOKE Vers ... C AUDIO DIGITAL AMPLIFIER WITH USB BLUETOOTH - FM ATM2000USB-BT - ATM6000BT ATM6500BT ATM7000BT **ATM8000BT** conforms with the essential requirements of the: LVD 2014/35/EU - RED 2014/53/EU - EMC 20...

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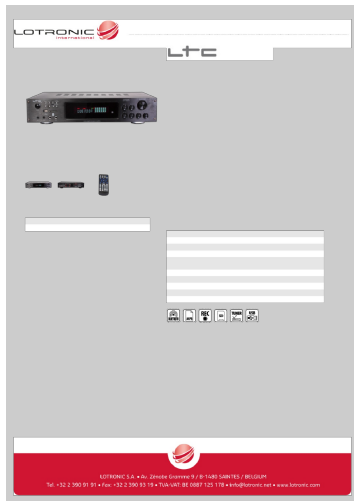
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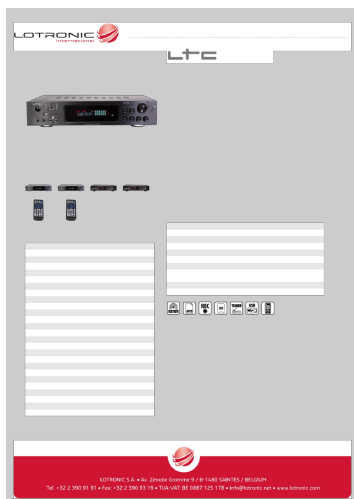
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 VERSTRKER MIT BLUETOOTH KARAOKE 4 x 75W 3 x 20W **ATM8000BT**
 Vielseitiger Hi-Fi Verstrker mit eingebautem FM Tuner, mit dem Sie Ihre
 Lieblingsmusik von Ihren USB, SD, MP3 Bluetooth Medien in vollem Umfang genieen
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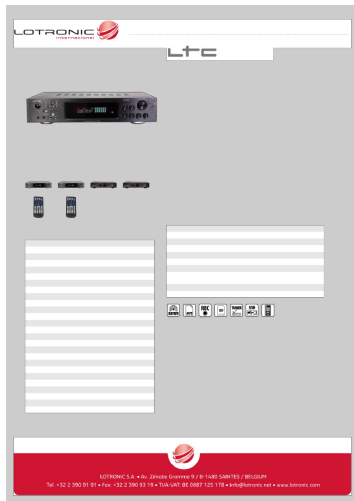
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 amplifier with built-in FM tuner allowing you to benefit fully of your favorite...
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BLUETOOTH E KARAOKE 4 x Height 8 cm Width 43 Depth 32 Volume 0 01118 m3 Net weight 05 kg

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LOGISTICS VALUES Height Width Depth Volume Net weight Packaging height

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AMPLIFICADOR HIFI 5.2 COM BLUETOOTH E KARAOKE 4 x 75W 3 x 20W

ATM8000BT Amplificador verstil com Sintonizador FM embutido que lhe permite disfrutar completamente...

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