MANUAL

DIGITAL BI-AMP SOUNDSYSTEM

812620 – JAD30-B

815820 – JAD38-B

INTRODUCTION
Thank you for choosing the E-Lektron Soundsystem.

With the choice of the E-Lektron sound system, you have opted for a sophisticated product with appealing functionality.

The E-Lektron Soundsystem has been developed as a wide-use PA tool. Ideal as a single mini-PA.

This sound system is an active loudspeaker box with MP3 player, Bluetooth receiver and a bi-amp power amplifier. The audio signal is divided by an active crossover and fed to the bass emitter and the horn via two separate digital amplifiers.

Please read the following connection and operating instructions and follow them so that you can enjoy all functions undisturbed and permanently.

CHARACTERISTICS
- 2-way speaker system
- Built-in digital bi-amp amplifier
- Built-in MP3 player
- Bluetooth-enabled - Wireless Play music from your mobile phone
- Bass and treble controls
- Microphone and echo control
- Master volume control
- Connection socket for passive loudspeaker

DELIVERY:
1 pc Sound System
1 pc Remote Control
1 pc Power Cord

IMPORTANT SAFETY INDTRUCTIONS
• This active speaker system must be connected to the power supply to operate properly.
  Always connect the system to an earthed outlet.
• The speaker system can work with operating voltages in the range 100-240Vac, 50/60 Hz.
  If the operating voltage is not required, use the supplied mains plug.
• Check power cord and plug before switching on.
  If the cable or plug is damaged, replace the cable immediately. For safety reasons, never modify the cable. Dispose of a defective cable in an environmentally sound manner.
• If the sound system does not work despite these instructions, please contact the seller.
  The housing should not be opened under any circumstances.
  Leave any service work done by qualified personnel.
  WHEN OPENING THE HOUSING, DO NOT USE THE ELECTRIC SHOCK.
• Never operate electrical appliances in high humidity or heat. To prevent fire or electric shock, do not spill or spill liquids on the amplifier. If this happens, remove the power cord from the wall outlet and turn off the sound system.
• To prevent fire hazard, the fuse may only be replaced by the same type - the value can be found on the fuse holder above the power connection. BEFORE EXCHANGING THE FUSE REMOVAL!
• WARNING: Extremely high sound levels can cause permanent hearing damage. Please use this sound system carefully, to protect your own health and other persons.

MARKING & CONFORMITY
- CE conformity:

Hersteller:
E-Lektron GmbH
Gildehauserstr. 2
D-48599 Gronau

Explains the sound systems 812620 and 815820

The EMC Directive (2004/108 / CE), the CE Marking Directive (95/68 / EEC) and the Low Voltage Directive (2006/95 / EC).

• The dashed waste bin is designed to alert you to the WEEE Directive (2002/96 / EC) for electrical and electronic waste. The device must be disposed of at a collection point for electronic waste equipment.

• RoHS compliant indicates that this equipment complies with the (2002 / 95EC) Directive for the restriction of the use of certain hazardous substances in electronic equipment such as mercury, lead, cadmium, hexavalent chromium, plybrominated buphenyl (PBB) and ploybrominated diphenyl ethers (PBDE).

MECHANICAL EQUIPMENT
The sound system is equipped with a robust compression horn tweeter with a titanium diaphragm and a powerful woofer with a hard-suspended diaphragm.
The hard-wearing ABS nylon fiber housing is equipped with a lockable stand holder, rubber feet and footrests for stacking, and an integrated ergonomic handle. The box can be set obliquely for use as a stage monitor.

SERVICE
All electronic connections and control elements are located on the back of the box.

(1) 6.3mm jack socket - for connecting a microphone. Use a high quality, shielded microphone cable to suppress unwanted background noise or feedback.

(2) 6.3mm jack socket - for connecting a microphone or a passives instrument with a transducer or pick-up, e.g. Electric guitar, electric bass, etc. Use a high quality, shielded cable to suppress unwanted background noise or feedback.

(3) LINE-IN jacks - for connecting a stereo music source such as PC, MP3 player, mobile phone, CD player or musical instruments with LINE-level output (sampler, keyboard, mixer, etc.). ATTENTION: If playback via the RCA jacks is quieter than the integrated MP3 player, please adjust the settings of the Media player from the PC or mobile phone. The sound can also be adjusted here

(4) Microphone volume control, also works for instrument connection.

(5) Echo control for adjusting / showing the integrated echo effect on the microphone channel.

(6) Treble - Treble control, range -12dB to + 12dB

(7) SD card slot - supports cards up to 16GB (FAT32), but the system also works with larger cards of some manufacturers.

(8) USB connection - for playing music from USB sticks, memory up to 16GB (FAT32), but the system also works with larger sticks of some manufacturers. THE USB PORT IS NOT USED TO CONNECT TO THE PHONE, LAPTOP, ETC.

(9) Selector mode: LINE / SD / USB / BLUETOOTH - The card and stick are only displayed when the media is actually plugged in.

(10) LCD display - Display of the operating mode, incl. Title display during MP3 operation. Take the protective film from the display before use.

(11) Sensor for infrared remote control. Please direct the remote control to the sensor.

(12) buttons to operate the functions of the MP3 player. Press and hold the VOL- or VOL + buttons to adjust the volume of the player.

(13) bass depth control, range -12dB to + 12dB

(14) Master volume control for the total volume of the sound system.

(15) LINE-OUT jacks - for looping the audio signal to other active boxes or to a PA system. Normally the volume should be set to MAX with the connected active box.

(16) LOUDSPEAKER - to connect a passive loudspeaker. The loudspeaker must have an impedance of 4 ohms or more, and sufficient load capacity. The socket is to be activated with the switch (17). Once plugged in, the loudspeaker plug must be turned 90 ° to the right until the latch clicks into place. CAUTION: Avoid shorting the loudspeaker output!

(17) Switch for activating the loudspeaker socket (16) - In the position SLAVE, the amplifier power of the box is divided between the integrated loudspeakers and the connected passive loudspeaker. In the BOOST position the full amplifier power is fed to the integrated speakers in the sound system.

(18) POWER indicator lights up when the sound system is switched on.

(19) On / off switch.

(20) Fuse holder - the fuse may only be replaced by the same type. BEFORE EXCHANGING THE FUSE REMOVAL!

(21) Power Cord Connector - The speaker system can work with operating voltages in the range 100-240Vac, 50/60 Hz.

BLUETOOTH

You can play music from Bluetooth via Bluetooth. Proceed as follows:
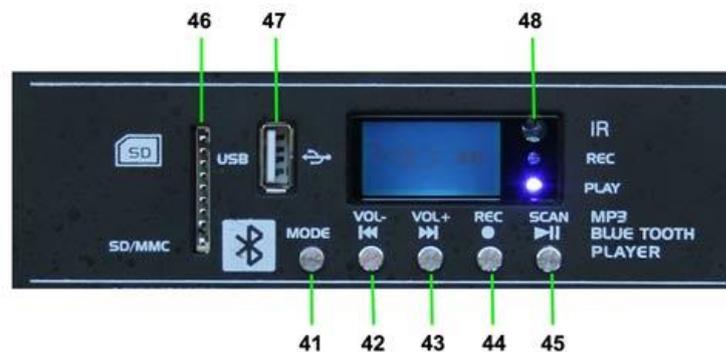
1. Turn on the sound system and use the function key (9) to select BLUETOOTH
2. Turn on Bluetooth on the phone and have the phone search for new Bluetooth devices
3. The mobile phone will find the sound system as "Bluetooth" (headphone profile)
4. Select the sound system on your phone and select: Connect
5. The display of the sound system shows: Connected, as long as the connection from the box remains stored, Connected remains in the display. With the mobile phone, the connection can also be deleted.
6. You can now play music through the Soundsystem just as you would with a headphone
7. Hold the VOL- and VOL + buttons on the sound system to adjust the volume

ATTENTION: If the mobile phone requires a password, please enter 0000.

TECHNICAL SPECIFICATIONS

E-Lektron	JAD30-B	JAD38-B
Speakersystem	2-Way	2-Way
Amplifier Type	Digital Bi-Amp	Digital Bi-Amp
Power RMS	400 Watt	500 Watt
Power Max.	800 Watt	900 Watt
Frequency Response	45Hz - 20kHz	40Hz - 20kHz
SPL	102dB	104dB
Control Range Tone Control	-12dB - +12dB	-12dB - +12dB
Woofer	12" / 30cm Diameter	15" / 38cm Diameter
Woofer Bead	hard	hard
Tweeter	Titanium-Dome, Dynamic	Titanium-Dome, Dynamic
Speaker Output	200 Watt RMS @ 4 Ohm	250 Watt RMS @ 4 Ohm
Speaker Output Impedance	min. 4 Ohm	min. 4 Ohm
Connectivity	Bluetooth	Bluetooth
Dimension	58(H) x 38(B) x 37(T) cm	72(H) x 46(B) x 45(T) cm
Weight	12kg	16kg
Power Supply	100 - 240Vac 50/60Hz	100 - 240Vac 50/60Hz

MEDIAPLAYER – E-Lektron EL-Soundsystem

(41) MODE - Selection of operating modes
(42) Short press during playback: 1 song back / hold: Volume quieter
(43) Short press during playback: Next song / print: volume louder
(44) RPT - Select repeat function: 1 song, all songs, mixed
(45) START-STOP for USB and SD operation / MUTE for music via cable connection
(46) Slot for SD card
(47) USB port, is only suitable for playing music from a USB stick. Connection of e.g. Mobile phone or laptop via USB port is NOT possible.
(48) Sensor for Infra-Red remote control

MUSIC PLAY ABOUT USB OR SD
After inserting the SD card or USB stick, the player automatically starts playing. If this is not the case, print the (45) button or re-insert the media. The player does not recognize directories.
- - - SD cards / USB sticks up to 16GB are supported
- - - The player can only recognize FAT32 formatted cards / sticks

DANGER:
Only MP3 songs can be found on the card or the stick, other files can block the playback. Delete other files, even from the recycle bin.

MEDIAPLAYER MENU
To activate, keep the MODE button (41) pressed for approx. 2 sec. Use keys (42) and (43) to scroll through the menu, and press (45) to confirm your choice.

USB / SD "Play"
Repeat, equalizer, selection of songs, volume from player to other sources
USB / SD "Pause / Stop"
Selection of songs, remove songs

AUX
Adjust the volume of the cable connection to other sources
Bluetooth
Disconnect connection, adjust volume to other sources

DANGER:
The functionality is continually developed and adapted. Not all functions are available on all devices.

REMOTE CONTROL MP3-PLAYER FUNCTIONS

MP3-Player on/Off

MP3-Player or Line-in Select

Mute

MP3-Player Song Selection

MP3-Player Volume

Equalizer Preset

USB or SD Selection

Repeat

Direct selection of the Songs