

BST ACTIV218

BST ACTIV218 DJ Mixer Instruction Manual

Model: ACTIV218

1. INTRODUCTION

Thank you for purchasing the BST ACTIV218 DJ Mixer. This 6-channel mixer is designed for professional and enthusiast DJs, offering a versatile range of inputs including line, phono, USB, and microphone, along with an integrated SD card reader. To ensure optimal performance and longevity of your device, please read this manual thoroughly before operation and retain it for future reference.

2. SAFETY INSTRUCTIONS

- **Power Supply:** Ensure the mixer is connected to a power source with the correct voltage as indicated on the unit. Always use the provided power cable.
- **Ventilation:** Do not block ventilation openings. Ensure adequate airflow around the unit to prevent overheating.
- **Moisture:** Keep the mixer away from water, rain, and excessive humidity. Do not operate with wet hands.
- **Cleaning:** Disconnect the power before cleaning. Use a dry, soft cloth. Do not use liquid cleaners or aerosols.
- **Servicing:** Do not attempt to service this unit yourself. Refer all servicing to qualified service personnel.
- **Placement:** Place the unit on a stable, flat surface. Avoid placing it near heat sources or in direct sunlight.
- **Fuse Replacement:** Refer to the rear panel for fuse specifications. Replace fuses only with the same type and rating to reduce the risk of fire.

3. PRODUCT OVERVIEW

3.1 Front Panel Controls



Image: Front view of the BST ACTIV218 DJ Mixer, showing all controls and inputs.

The front panel provides access to all primary mixing controls:

- **MIC 1-4 Inputs:** XLR inputs for microphones.
- **Channel Strips (CH1-CH5):** Each channel features GAIN, HIGH, MID, BASS (EQ), CUE, and Volume Faders.
- **USB/SD Player:** Controls for playback from USB drives and SD cards, including display, play/pause, track navigation, and mode selection.
- **Crossfader:** A/B crossfader for smooth transitions between assigned channels.
- **Master Output:** Controls the overall output volume.
- **Phone Output:** Headphone output with volume control and CUE/Master blend.
- **Talkover:** Microphone priority function.
- **Equalizer:** Global equalizer for the main output.

3.2 Rear Panel Connections



Image: Rear view of the BST ACTIV218 DJ Mixer, showing all input and output connections.

The rear panel houses all input and output connections:

- **Power Input:** AC power connection with voltage selector (115V/230V) and fuse holder.
- **AMP Output:** Main audio output to an amplifier or powered speakers.
- **ZONE Output:** Secondary audio output for a separate listening zone.
- **REC Output:** Output for connecting to a recording device.
- **EFFECT Send/Receive:** Connections for external effects units.
- **LINE Inputs (7x):** RCA inputs for CD players, media players, or other line-level devices.
- **PHONO Inputs (2x):** RCA inputs for turntables.

4. SETUP

1. **Unpacking:** Carefully remove the mixer from its packaging. Inspect for any signs of damage.
2. **Placement:** Position the mixer on a stable, flat surface, ensuring adequate ventilation around the unit.
3. **Power Connection:** Before connecting the power cable, ensure the voltage selector on the rear panel matches your local power supply (115V or 230V). Connect the power cable to the mixer and then to a suitable power outlet.
4. **Audio Input Connections:**
 - Connect turntables to the PHONO inputs (LINE 1, LINE 2).
 - Connect CD players, media players, or other line-level devices to the LINE inputs (LINE 3-7).
 - Insert microphones into the MIC 1-4 XLR inputs on the front panel.
 - For USB playback, insert a USB drive into the front panel USB port.
 - For SD card playback, insert an SD card into the front panel SD slot.
5. **Audio Output Connections:**
 - Connect the AMP output to your main amplifier or powered speakers.
 - If using a separate zone, connect the ZONE output to the respective amplifier/speakers.
 - Connect a recording device to the REC output if desired.
6. **Headphones:** Plug your headphones into the PHONE jack on the front panel.

5. OPERATING INSTRUCTIONS

1. **Power On:** Ensure all connections are secure, then press the POWER button on the front panel.
2. **Input Selection:** For each channel, use the input selector switch to choose between the connected sources (e.g., PHONO, LINE, USB).
3. **Gain Adjustment:** Adjust the GAIN knob for each active channel to achieve an optimal input level. The level meters can assist in preventing clipping (distortion).
4. **Equalization (EQ):** Use the HIGH, MID, and BASS knobs on each channel to adjust the frequency response of the individual audio source.
5. **Channel Volume:** Use the channel faders to control the volume of each input.
6. **Crossfader:** Assign channels to the A or B side of the crossfader using the A/B assign switches. Move the crossfader to blend between the assigned channels.
7. **Headphone Monitoring (CUE):** Press the CUE button on any channel to send its audio to your headphones. Adjust the PHONE volume and CUE/Master blend to monitor your mix.
8. **USB/SD Player:** Insert a USB drive or SD card. Use the MODE button to select the source. Use the play/pause, stop, and track navigation buttons to control playback.
9. **Microphone Usage:** Connect a microphone to one of the MIC inputs. Adjust the MIC GAIN and EQ (HIGH, MID, BASS) for the microphone channel. Use the TALKOVER switch to automatically lower music volume when speaking into the microphone.
10. **Master Output:** Adjust the MASTER volume knob to control the overall output level to your amplifier/speakers. Monitor the master level meters to avoid distortion.
11. **Global Equalizer:** Use the EQUALIZER knobs to fine-tune the overall sound of your mix.

6. MAINTENANCE

- **Cleaning:** Regularly wipe the mixer's surface with a soft, dry, lint-free cloth. Avoid using abrasive cleaners or solvents.
- **Faders and Knobs:** Keep faders and knobs free from dust and debris. Do not force controls.
- **Storage:** When not in use for extended periods, store the mixer in a dry, dust-free environment. Consider using a dust cover.
- **Fuse Replacement:** If the unit does not power on, check the fuse located in the power input section on the rear panel. Replace only with a fuse of the exact same type and rating (e.g., FUSE 5x20mm 250V). Refer to the markings on the unit for specific fuse values.

7. TROUBLESHOOTING

- **No Power:**
 - Check if the power cable is securely connected to both the mixer and the power outlet.
 - Verify the power outlet is functional.
 - Check the fuse on the rear panel and replace if blown (see Maintenance section).
- **No Sound Output:**
 - Ensure the MASTER volume knob is turned up.
 - Check that your amplifier/powered speakers are turned on and connected correctly.
 - Verify that individual channel faders are up and GAIN knobs are adjusted.

- Confirm the correct input source is selected for each channel.
- **Distorted Sound:**
 - Reduce the GAIN for the input channel.
 - Lower the MASTER volume.
 - Check input cables for damage or improper connection.
- **USB/SD Player Not Working:**
 - Ensure the USB drive or SD card is properly inserted.
 - Verify the file format is supported (typically MP3, WAV).
 - Try a different USB drive or SD card.

8. SPECIFICATIONS

- **Model:** ACTIV218
- **Brand:** BST
- **Number of Channels:** 6
- **Inputs:** 7x Line (RCA), 2x Phono (RCA), 4x Microphone (XLR), 1x USB, 1x SD
- **Outputs:** AMP (RCA), ZONE (RCA), REC (RCA), Effect Send/Receive (RCA), Headphone (6.35mm Jack)
- **Hardware Interface:** Bluetooth (as per specification, though primary connectivity is USB/RCA)
- **Connectivity Technology:** USB
- **Power Source Type:** Mains Powered
- **Product Dimensions:** 43.8 x 17.8 x 10.4 cm
- **Item Weight:** 5.2 kg (11.46 Pounds)
- **Color:** Black

9. WARRANTY AND SUPPORT

Warranty information for the BST ACTIV218 DJ Mixer is typically provided by the retailer at the time of purchase or can be found on the manufacturer's official website. Please retain your proof of purchase for any warranty claims. For technical support or service inquiries, contact your authorized BST dealer or the manufacturer's customer service department.