

Sony LBT-V750

Sony LBT-V750 System Component Instruction Manual

Model: LBT-V750

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your Sony LBT-V750 System Component. This integrated audio system includes a turntable, tuner, amplifier, compact disc player, and cassette deck, designed to deliver high-quality audio reproduction. Please read this manual thoroughly before using the system and retain it for future reference.

2. SAFETY INFORMATION

- **Power Source:** Connect the unit only to the type of power source indicated on the nameplate.
- **Ventilation:** Ensure adequate ventilation. Do not block ventilation openings.
- **Water and Moisture:** Do not expose the unit to rain or moisture. Do not place objects filled with liquids, such as vases, on the unit.
- **Heat:** Keep the unit away from heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Cleaning:** Unplug the unit from the wall outlet before cleaning. Use a dry cloth for cleaning.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Speaker Connections:** Ensure correct polarity when connecting speakers to prevent damage.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Sony LBT-V750 System Component (Amplifier/Tuner, CD Player, Cassette Deck)
- Sony PS-V750 Turntable
- Sony SS-V750AV Speakers (2 units)
- Remote Control
- Power Cords
- Audio Interconnect Cables

- Speaker Cables
- FM/AM Antennas (not explicitly shown but standard)

4. COMPONENT IDENTIFICATION

4.1 Overall System View



Figure 1: The complete Sony LBT-V750 system, showcasing the stacked components, speakers, and remote control. From top to bottom, the units are: Turntable, Tuner/Amplifier, CD Player, and Cassette Deck.

4.2 Front Panel Controls (Tuner/Amplifier, CD Player, Cassette Deck)



Figure 2: Detailed view of the main units' front panels. This image highlights the various buttons, knobs, and display screens for the Tuner/Amplifier (top), CD Player (middle), and Cassette Deck (bottom).

- **Tuner/Amplifier (ST-V750TV / TA-V750):** Power button, Input Selector (CD, Tuner, Phono, Tape, Video), Volume knob, Tone controls (Bass, Treble), Balance, Headphone jack, Display for tuner frequency and system status.
- **Compact Disc Player (CDP-V750):** Power button, Disc tray, Play/Pause, Stop, Skip (forward/backward), Program, Repeat, Display for track number and time.
- **Cassette Deck (TC-V750):** Power button, Cassette trays (A and B), Play, Record, Stop, Fast Forward, Rewind, Pause, Auto

Reverse, Recording Level controls, Dolby NR switch.

4.3 Turntable (PS-V750)



Figure 3: The Sony PS-V750 turntable with its dust cover open, revealing the platter, tonearm, and control buttons for operation.

- **Platter:** Where records are placed.
- **Tonearm:** Holds the cartridge and stylus.
- **Speed Selector:** Typically 33 and 45 RPM.

- **Start/Stop Button:** Initiates or halts playback.

4.4 Speakers (SS-V750AV)



Figure 4: A close-up view of one of the Sony SS-V750AV speakers, showing its 3-way design with tweeter, midrange, and woofer drivers.

- **3-Way Speaker System:** Features a woofer for low frequencies, a midrange driver, and a tweeter for high frequencies.
- **Speaker Terminals:** Located on the rear for connecting to the amplifier.

4.5 Rear Panel Connections

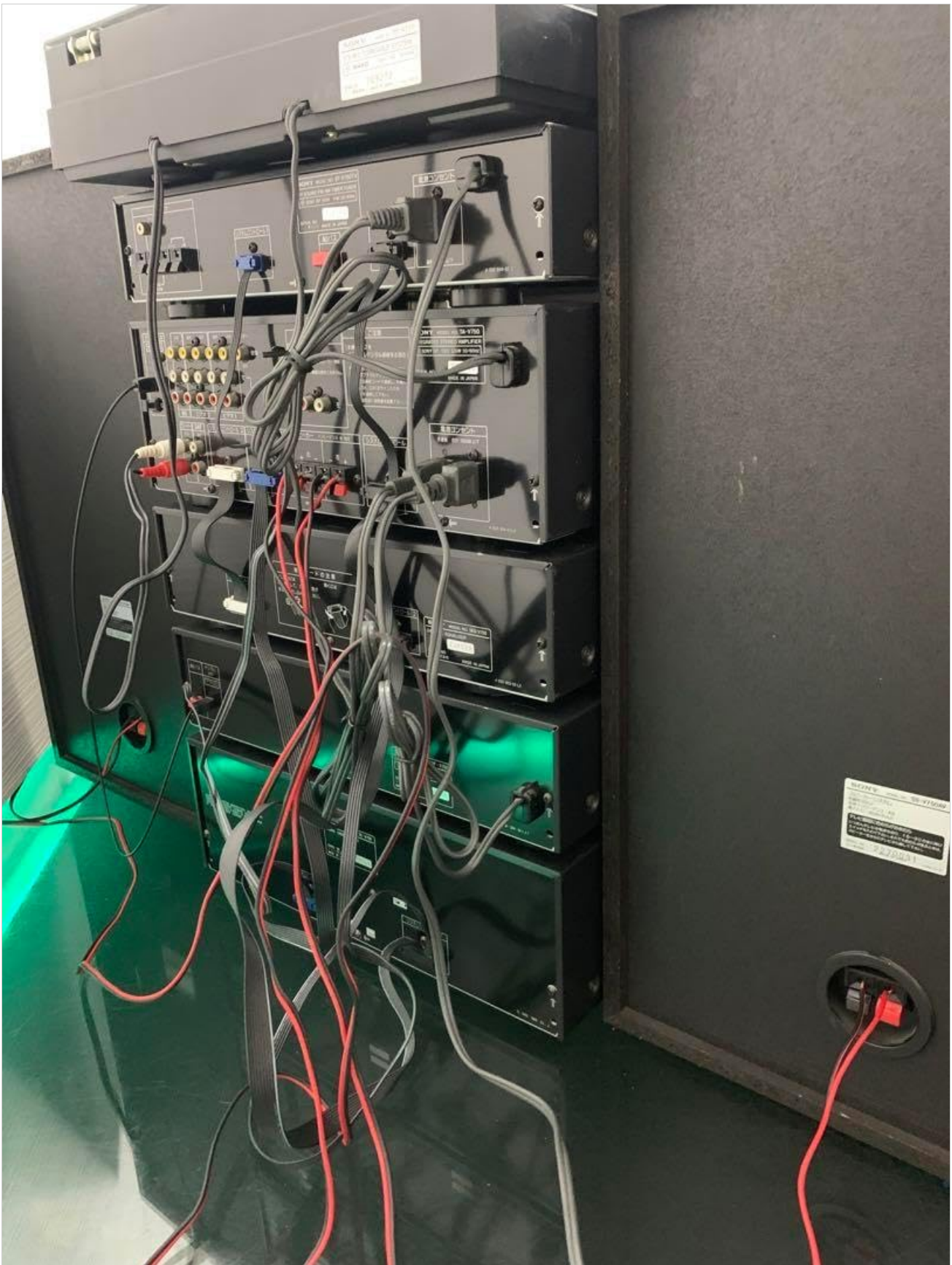


Figure 5: The rear panel of the stacked components, illustrating the various audio input/output jacks, speaker terminals, and power connections. Proper connection of these cables is essential for system functionality.

- **Audio Input/Output Jacks:** RCA type connectors for connecting components (CD OUT to AMP IN, TAPE REC/PLAY, PHONO IN).
- **Speaker Terminals:** Red (+) and Black (-) terminals for connecting speaker wires.
- **Antenna Terminals:** For FM and AM antennas.
- **Power Cords:** For each component.

5. SETUP

5.1 Placement

- Place the main system components (Tuner/Amplifier, CD Player, Cassette Deck) on a stable, level surface. Stack them in the order shown in Figure 1 for optimal ventilation and cable management.
- Position the turntable on top of the stack or on a separate stable surface to minimize vibrations.
- Place the speakers (SS-V750AV) on either side of the main unit, ideally at ear level when seated, and equidistant from the listening position for balanced stereo sound. Ensure there is sufficient space behind the speakers for proper bass response.
- Avoid placing the system near direct sunlight, heat sources, or areas with high humidity.

5.2 Connections

Refer to Figure 5 for a visual guide to the rear panel connections.

1. **Speaker Connections:** Connect the speaker cables from the SS-V750AV speakers to the SPEAKER terminals on the rear of the amplifier unit (TA-V750). Match the red (+) terminal on the amplifier to the red (+) terminal on the speaker, and the black (-) terminal on the amplifier to the black (-) terminal on the speaker. Ensure a secure connection for both left and right channels.
2. **Component Interconnections:**
 - Connect the **AUDIO OUT** jacks of the CD Player (CDP-V750) to the **CD IN** jacks on the Tuner/Amplifier (TA-V750).
 - Connect the **LINE OUT** jacks of the Cassette Deck (TC-V750) to the **TAPE IN** jacks on the Tuner/Amplifier.
 - Connect the **LINE IN** jacks of the Cassette Deck to the **TAPE OUT** jacks on the Tuner/Amplifier for recording.
 - Connect the audio cables from the Turntable (PS-V750) to the **PHONO IN** jacks on the Tuner/Amplifier. Ensure the ground wire from the turntable is connected to the GND terminal on the amplifier.
3. **Antenna Connections:** Connect the supplied FM antenna to the FM ANTENNA terminal and the AM loop antenna to the AM ANTENNA terminals on the Tuner/Amplifier (ST-V750TV). Adjust their positions for optimal reception.
4. **Power Connections:** Plug the power cords of all components into a suitable AC wall outlet. It is recommended to use a surge protector.

6. OPERATING INSTRUCTIONS

6.1 General Operation

- **Power On/Off:** Press the **POWER** button on the Tuner/Amplifier unit or the remote control to turn the system on or off.
- **Input Selection:** Use the **INPUT SELECTOR** knob or buttons on the Tuner/Amplifier or remote to choose your desired source (CD, Tuner, Phono, Tape, Video).
- **Volume Control:** Adjust the **VOLUME** knob on the Tuner/Amplifier or the **VOL +/-** buttons on the remote control.

6.2 Turntable (PS-V750) Operation

1. Open the dust cover.
2. Place a record on the platter. If playing a 45 RPM single, use the adapter if necessary.
3. Select the correct speed (33 or 45 RPM) using the **SPEED** selector.
4. Press the **START** button. The tonearm will automatically move to the beginning of the record and lower the stylus.
5. To stop playback, press the **STOP** button. The tonearm will return to its rest position.
6. To manually cue a record, use the **CUEING** lever to raise and lower the tonearm.

6.3 CD Player (CDP-V750) Operation

1. Press the **OPEN/CLOSE** button to open the disc tray.
2. Place a CD with the label side up in the tray.
3. Press **OPEN/CLOSE** again to close the tray.
4. Select the **CD** input on the Tuner/Amplifier.
5. Press the **PLAY** button to start playback.
6. Use **PAUSE** to temporarily stop, **STOP** to end playback, and **SKIP** buttons to navigate tracks.

6.4 Cassette Deck (TC-V750) Operation

1. Press the **EJECT** button for Deck A or B to open the cassette holder.
2. Insert a cassette tape and close the holder.
3. Select the **TAPE** input on the Tuner/Amplifier.
4. Press **PLAY** for the desired deck (A or B) to start playback.
5. Use **FF (Fast Forward)** and **REW (Rewind)** to navigate the tape.
6. **Recording:**
 - Insert a recordable cassette into the recording deck (usually Deck B).
 - Select the source you wish to record (e.g., CD, Tuner, Phono) on the Tuner/Amplifier.
 - Press the **REC** button on the Cassette Deck. Then press **PLAY** to begin recording.
 - Monitor recording levels using the meters and adjust with the **REC LEVEL** knob to avoid distortion.

6.5 Tuner (ST-V750TV) Operation

1. Select the **TUNER** input on the Tuner/Amplifier.
2. Press the **FM/AM** button to select the desired band.
3. Use the **TUNING** buttons (up/down arrows) to manually tune to a station.
4. For automatic tuning, press and hold the **TUNING** button until the tuner starts scanning.
5. **Preset Stations:** Refer to the Tuner's specific instructions for storing and recalling preset radio stations.

7. MAINTENANCE

- **Cleaning the Unit:** Wipe the exterior surfaces with a soft, dry cloth. For stubborn stains, use a cloth lightly dampened with a mild detergent solution, then wipe dry. Do not use abrasive cleaners or solvents.
- **Turntable Stylus Care:** Gently clean the stylus with a soft brush designed for stylus cleaning, brushing from back to front. Replace the stylus periodically according to manufacturer recommendations (typically every 500-1000 hours of play).
- **Cassette Deck Head Cleaning:** Regularly clean the tape heads, pinch rollers, and capstans with a cotton swab lightly moistened with isopropyl alcohol to ensure optimal sound quality and prevent tape damage.
- **CD Player Lens Cleaning:** Use a specialized CD lens cleaner disc if you experience playback issues. Do not attempt to clean the lens manually.
- **Dust Covers:** Keep dust covers closed when not in use to protect components from dust.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No power	Power cord not connected; Power outlet faulty; System in standby mode.	Ensure all power cords are securely plugged in. Test the outlet with another device. Press the POWER button.
No sound	Incorrect input selected; Volume too low; Speaker cables disconnected; Mute function active.	Select the correct input source. Increase volume. Check speaker connections. Deactivate mute.
Distorted sound	Speaker cables incorrectly connected (polarity); Source material poor quality; Volume too high.	Verify speaker cable polarity (+ to + and - to -). Try a different source. Reduce volume.
Turntable not spinning or no sound from turntable	Belt dislodged; Stylus damaged; PHONO input not selected; Ground wire not connected.	Check turntable belt. Inspect and replace stylus if necessary. Select PHONO input. Connect ground wire.
CD not playing	Disc inserted incorrectly; Disc dirty or scratched; CD input not selected.	Insert disc label side up. Clean disc with a soft cloth. Select CD input.
Cassette not recording	Recording tabs broken on cassette; TAPE input not selected for source; REC button not pressed.	Cover recording tabs with tape. Select the correct source input. Ensure REC and PLAY are pressed.

9. SPECIFICATIONS

The Sony LBT-V750 System Component is an integrated audio system comprising the following main units:

- **Amplifier/Tuner:** Sony TA-V750 / ST-V750TV
- **Compact Disc Player:** Sony CDP-V750
- **Cassette Deck:** Sony TC-V750
- **Turntable:** Sony PS-V750 (Fully Automatic Stereo Turntable System)
- **Speakers:** Sony SS-V750AV (3-Way Speaker System)
- **Power Requirements:** AC 100V, 50/60Hz (Japan model, verify for your region)
- **Audio Inputs:** Phono, CD, Tape, Video
- **Audio Outputs:** Tape Rec Out, Headphone

Note: Detailed technical specifications for each component (e.g., amplifier output power, frequency response, signal-to-noise ratio) are typically found in the full service manual or original product documentation.

10. WARRANTY AND SUPPORT

Information regarding product warranty and customer support is not provided within this instruction manual. Please refer to your purchase documentation or contact the retailer for details on warranty coverage and available support services.



