

YAMAHA KX-1200U



Natural Sound Stereo Cassette Deck

Closed Loop-Dual Capstan Mechanism

3-Head Configuration with Amorphous Rec/Play Heads

High-Quality, Low-Distortion Amplifiers

ORBiT (Optimum Recording Bias Tuning) System

Dolby HX Pro Dynamic Bias Servo

Double dbx, Double Dolby B/C Noise Reduction

Random Program Play, Music Search and Intro Scan

Master Fader Control/Auto Rec Mute

28-Key Wireless Remote Control

Thank you for purchasing the YAMAHA KX-1200U stereo cassette deck.



OWNER'S MANUAL

IMPORTANT

Please record the serial number of your unit in the space below.

Model: **KX-1200U**

Serial No:

The serial number is located on the rear of the unit.

Retain this Owner's Manual in a safe place for future reference.

WARNING

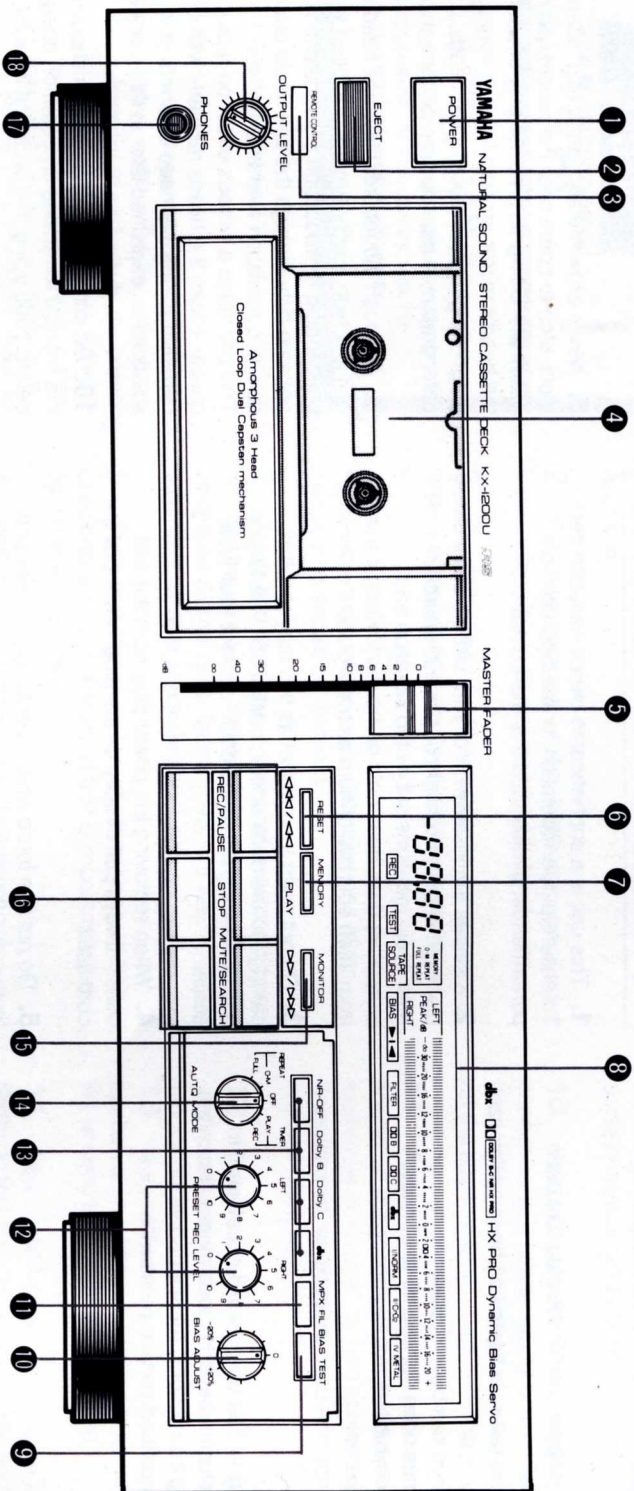
To prevent fire or shock hazard, do not expose this appliance to rain or moisture.

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FRONT PANEL PARTS AND FUNCTIONS



1 POWER switch
Press this switch to turn the power on. Press again to turn the power off.

2 EJECT button
To load a cassette tape, press the EJECT button and the cassette compartment will open. Depress the cassette compartment to close it.

3 REMOTE CONTROL sensor
Receives the signal from the remote control transmitter.

4 Cassette compartment

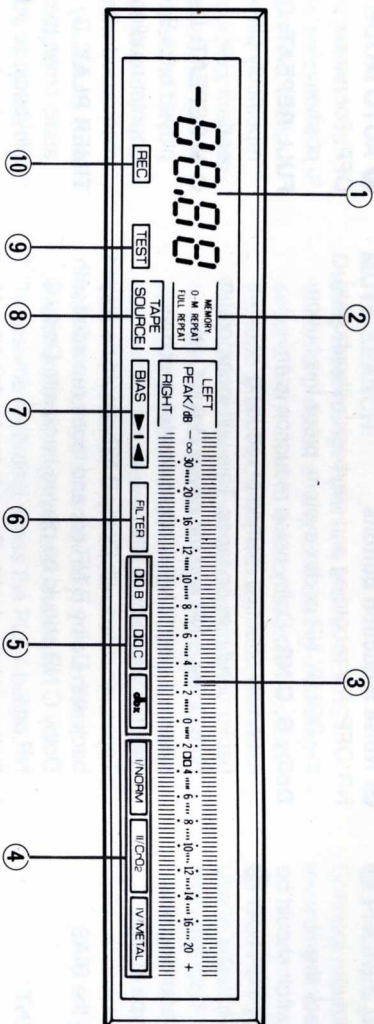
5 MASTER FADER control
Used to fade in or fade out during recording. Normally it should be set to the "0" position.
* The MASTER FADER control will function only during the recording.

6 RESET button
Press the RESET button to reset the counter reading to "0,00". It can also be used to cancel the memorized counter reading.

7 MEMORY button
Press the MEMORY button when the counter is at the desired counter reading for O-M repeat playback. Press the button again to release the memory function.
When the memory position is set, the tape will automatically stop at that position during fast-rewind or forward mode.

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8 Display



1 Linear counter/tape length/remaining time/program display

Linear counter: Displays the elapsed time of the tape's running.

* The linear counter is not a actual watch and its accuracy of the linear counter depends on the kind of the tape used.

Tape length: Displays the tape length (C60, C90, C46 and C46L) by pressing the TAPE key on the remote control transmitter.

Remaining time: Displays remaining unrecorded tape time by pressing REMAIN key on the remote control transmitter.

Program: Displays the program number and tune number to be memorized.

2 Repeat function indicators

MEMORY: When the count number is memorized by pressing MEMORY button, MEMORY indicator lights.

O-M REPEAT: This initiates repeat playback 8 times between "0.00" setting of the counter and the memorized counter number. When the AUTO MODE selector is set to O-M REPEAT position, the O-M REPEAT indicator lights.

FULL REPEAT: When the AUTO MODE selector is set to FULL REPEAT position, the FULL REPEAT indicator lights.

One side of the cassette is repeatedly played back 8 times from beginning to end.

3 PEAK level meters

Indicate the peak of the signal level during recording and playback over a range from -30 dB to +20 dB. They will also display the optimum recording level monitor.

4 Tape type indicators

When a tape is loaded, the deck's circuitry will automatically adjust for proper bias, level, and equalization for that type of tape, and the type of tape will be indicated.

• Automatic tape selection does not function for the old type metal tapes which do not have a detection hole on the cassette shell.

• This deck is not suited for use with Ferrichrome (FeCr) tapes.

5 Noise reduction indicators

The corresponding noise reduction indicator will light up by pressing the noise reduction button.

6 FILTER indicator

This indicator will light up when the MPX FILTER switch is on.

7 BIAS tuning indicator

Indicates turning direction of BIAS ADJUST control for optimum bias setting.

8 TAPE/SOURCE monitor indicator

Indicates either the tape or source monitor position.

9 TEST indicator

This indicator will light up during the ORBIT (Optimum Recording Bias Tuning) operation (bias adjustment). It will flicker during the standby mode.

10 REC indicator

This indicator will light up during recording and rec/pause modes. It will flicker during the auto rec mule mode.

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9 BIAS TEST switch

This switch will cause the ORBIT (Optimum Recording Bias Tuning) function to check the adjustment of the bias. Normally this switch should be turned off.

10 BIAS ADJUST control

This function is provided to adjust the recording bias to its optimum value according to the type of tape used.

Choose the optimum bias by watching the BIAS tuning indicator.

* Refer to page 11, "BIAS ADJUSTMENT".

11 MPX FILTER switch

Press this switch when recording from an FM station while using the Dolby-NR system. As the 19 kHz pilot signal may leak into the audio output, depending on the tuner and the broadcast condition and may cause improper operation of the Dolby NR system, this switch should be turned on when recording from an FM station to filter out the (19 kHz) pilot signal. This switch should be turned off when recording from other program sources.

12 PRESET REC LEVEL controls

Adjusts the input level of the recording signal coming from the rear panel LINE IN/REC jacks, and adjustable signal level is displayed on the PEAK level meters. Independent left/right controls also permit balance level setting.

13 Noise reduction buttons

NR OFF: For recording and playback without using the DOLBY NR or dbx system, press this button.

Dolby B, C NR: Dolby noise reduction is an extremely effective method of reducing background hiss on tapes. This unit incorporates both Dolby B NR and the newer Dolby C NR system. Dolby C NR is approximately twice as effective as Dolby B NR.

Tapes recorded with Dolby B NR should be played back with Dolby B NR on, and tapes recorded with Dolby C NR should be played back with Dolby C NR on.

* Dolby and the double D mark are trademarks of Dolby Laboratories Licensing Corp. Dolby noise reduction system manufactured under license from Dolby Laboratories Licensing Corp.

dbx: When recording with dbx NR, input signals with a large dynamic range are compressed to 1/2, and expanded by a factor of 2 to their original state when played back. This means that a large dynamic range can be obtained even from cassette tapes with small dynamic range recordings, and noise can also be reduced at the same time. If metal tapes are used for recording and playback, a dynamic range which would have been thought impossible with cassette tapes can be obtained. For recording and playback with the dbx system, press this button.

For playing back tapes which are not dbx recorded, set to the NR-OFF position.

* "dbx" is a trademark of dbx incorporated.

14 AUTO MODE selector

OFF: For normal playback or recording, set to this position.

FULL REPEAT: One side of the cassette is repeatedly played back 8 times from beginning to end.

O-M REPEAT: Desired section can repeatedly be played back 8 times between "0.00" on linear counter reading and the counter number memorized with the MEMORY button.

TIMER PLAY: By using a commercially available audio timer, this function permits timer activated playback, so you can wake-up to your favorite music, etc.

TIMER REC: By using a commercially available audio timer, this function allows you to carry out unattended recording.

- Be sure to set this selector to OFF when not using the repeat playback feature or the timer feature. If power is turned on with a cassette loaded in the deck and the selector in the TIMER REC position, the record mode will be engaged and the prerecorded contents of the tape will be erased.

15 MONITOR button

This button switches the monitor function between the SOURCE and the TAPE. This unit is equipped with an auto monitor function, but it can be changed to manual if so desired, for example, monitoring the just-recorded signal during tape recording.

