

TT-M1

Scratch Control Unit

MANUAL

D00811500A



Introduction

Read this manual thoroughly before using the product, and keep it handy for future reference.

The TT-M1 is a special controller for the TAS-CAM CD-X series of CD players (hereafter referred to as CD-X). When a record player equipped with the TT-M1 is being used to conduct scratching, the controller detects the turntable's rotating direction and speed and transfers them to the CD-X. The CD-X then plays back the scratching on a CD with great accuracy.

- The names of the companies and products that appear in this document are the trademarks or registered trademarks of their respective holders.
- Do not connect the product to any equipment other than the CD-X.
- This product is powered by the CD-X unit. When the product is not in use, always turn off the POWER switch and raise the roller to an upright position.

Installation

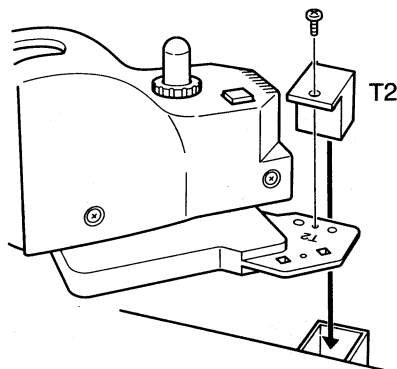
The TT-M1 can be attached to the following record players using accessory adapters. Install the adapter in the specified position on the base unit and then affix the product to the record player.

	Model	Mounting hole	Adapter
Technics	SL-1200MK2	T2	T2
Technics	SL-1200MK3	T3	V
Numark	TTX1	N	N
Vestax	PDX-2000	V, T2	V, T2

If you want to install the TT-M1 on models other than these, fix it in place with double-sided tape or by other means.

Technics SL-1200MK2

Attach adapter T2 to mounting hole T2 and insert the TT-M1 into the dust cover holder.

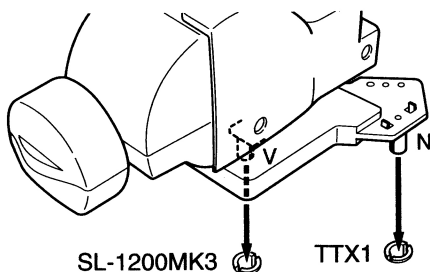
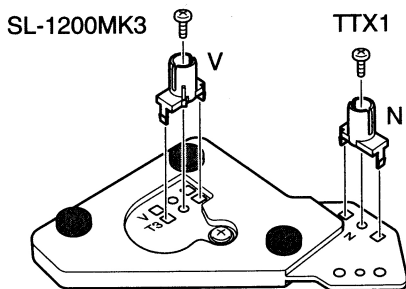


Technics SL-1200MK3

Attach adapter V to mounting hole T3 on the back of the base unit, and insert the TT-M1 into the headshell stand.

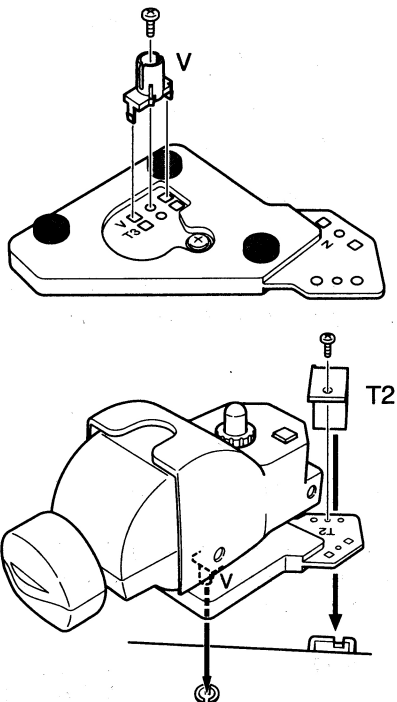
Numark TTX1

Attach adapter N to mounting hole N on the back of the base unit, and insert the TT-M1 into the headshell stand.



Vestax PDX-2000

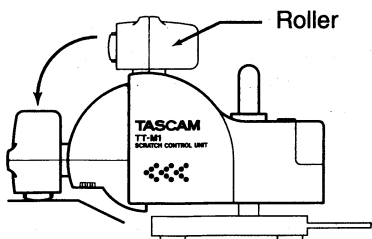
Attach adapter V to mounting hole V on the back of the base unit, and adapter T2 to mounting hole T2 on the top surface. Install the TT-M1 by inserting adapter V into the headshell stand and placing adapter T2 on the dust cover holder.



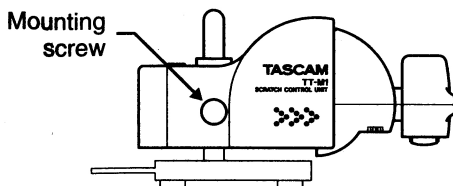
Adjustment

Adjust the vertical and horizontal positions of the TT-M1 as follows. Note that a record does not have to be placed on the turntable.

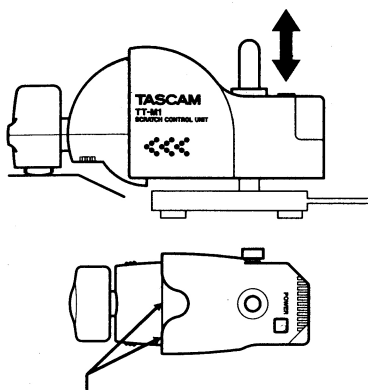
- 1 Lower the roller onto the turntable.



- 2 Loosen the mounting screw.

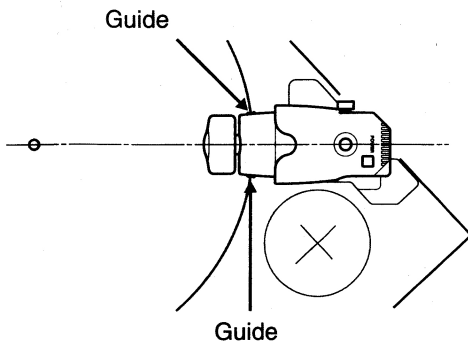


- 3 Adjust the height so that the roller is positioned horizontally on the turntable.



Align these lines with each other.

- 4 Move the product to the left and right in order to align the axis of the roller with the center of the turntable. Use the guides at the base of the roller.

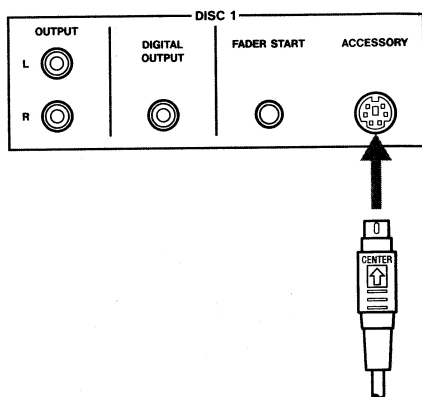


- 5 When the product is properly adjusted, tighten the mounting screw securely.

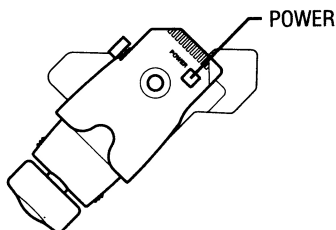
Connection

- Be sure to turn off the CD-X unit before connecting the TT-M1 to the CD-X.

On the rear panel of the CD-X, an ACCESSORY terminal is provided for each of the two CD drives. Connect the TT-M1 cable to the desired terminal. Orient the cable connector so that the arrow is located on the upper side of the connector.



- 1 Turn on the CD-X.
 - 2 Lower the TT-M1 roller onto the turntable and press the POWER switch.
- A record does not have to be placed on the turntable.



The LED comes on and the following is displayed on the CD-X's remote controller:



- 3 Turn the turntable on to rotate at 33 rpm.
- 4 Press the ►/|| key on the CD-X's remote controller while pressing and holding down the SHIFT key.

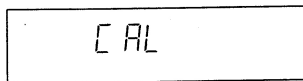
TIME/ENT



The TT-M1 must be calibrated to accurately detect the turntable's rotating speed.

- As the calibration results are saved to the CD-X unit, the product is only required to be calibrated once after it is installed to the player. However, when the product is re-installed, it must be calibrated again.
- The calibration results are saved for each CD drive. When two TT-M1 units are connected to the CD-X, perform calibration on a drive basis. Calibration is also required when a TT-M1 that was connected to one drive is re-connected to another drive.

Calibration begins and the following is displayed on the remote controller:



- 5 Calibration is completed in five seconds and the following is displayed on the CD-X's remote controller. The normal display is then resumed momentarily:

