

PLATINUM

BY MSB TECHNOLOGY



CD III TRANSPORT USERS MANUAL

REV 3 (6/07)

TRANSPORT SPECIFICATIONS

OUTPUTS:	COAXIAL, TOSLINK, BALANCED AES/EBU, 3 MSB NETWORK
TRANSPORT PLAYS:	CD, CDR
INPUT VOLTAGE:	SWITCHABLE
PERFORMANCE FEATURE:	ULTRA-STABLE CLOCKS
CONTROL FEATURES:	REMOTE DISPLAY DIM MODE REPEAT A-B REPEAT

CD III TRANSPORT USERS MANUAL

CD TRANSPORT

This product has been extracted from our very high performance CD player integrated CD player. It is intended to be used with our DAC III for the best possible sound in your system.

SETUP AND QUICK START

The front panel is quite simple with few user controls. Open the drawer, put in a CD, wait while the drive checks it and press Play.

Power - The Platinum comes standard with an inboard power supply. A switch on the back allows the unit to be switched between 240V and 120V. Please check your setting before plugging the unit in. Leave the Platinum powered on all the time.

Outputs - The Platinum comes standard with three MSB Network (CAT5), AES/EBU balanced, coaxial and optical digital audio outputs, ranked in order of performance.

BURN-IN

The concept of burn-in is little understood. Does it take your ears some time to get used to the incredibly detailed and life like sound of an MSB product or is something actually changing. The feedback we receive leads us to recommend at least 40 hours of burn-in on this Transport. Customers generally recommend one month.

REMOTE CONTROL

Mute – Mutes the analog outputs on the DAC III.

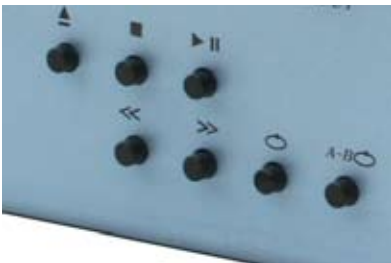
Mode – Steps through the 6 inputs on the DAC III. When holding the front panel input button turns the display dim mode on and off.

Volume up and down – Steps the volume up and down in 2 db steps on the DAC III.

4 square buttons – Controls for the CD player.

Batteries – The remote control contains two AAA batteries.

The same remote works with the Platinum CD player and the Platinum volume control. If using the CD III with a Platinum volume control, remove the volume modules from the CD III so they will not interfere with the operation of the MVC.



REAR PANEL DETAILS

Toslink – Although this format has the lowest bandwidth, it is one of the more common outputs on low-end products. It also offers ground isolation between products and noise immunity over long runs.

Coaxial – A good output for short runs and lower frequencies.

Balanced digital – The AES/EBU Professional output is the preferred output. The balanced nature of this output allows great cable lengths as well as total noise immunity.

MSB Network – These three CAT-5 outputs are for use with other MSB products. This is the best output to hook up to the DAC III.



THE MSB NETWORK

One of the most powerful feature of the Platinum is the MSB network. This network plugs into the balanced input of the Platinum and is automatically detected and activated. The MSB network has the following capability:

- Unidirectional communications over any twisted pair
- Simultaneous transmission of 8 audio channels with 32 bit resolution at 192 kHz sampling rate
- Simultaneous transmission of 8 data channels with 3 Mbs data rate (for volume and trim data)
- A single serial channel of 384 kbits/sec for control and system data.



This network is our answer to 192 kHz audio transmission and multichannel transmission in the same package. We provide network outputs to our own transport and offer a source upgrade to your transport as well. In our surround processor upgrade, up to 8 channels of decoded data can be sent through one wire to separate DACs. The twisted pair format is very convenient as it has become the standard for all computer networks. Ethernet networks use CAT5 wire which contains 4 twisted pairs. This one cable could be used to send 32 channels of 32 bit, 192 kHz audio data! Several cables are available for connecting MSB transports to the Platinum including CAT5 cable at any length up to 80 feet.

VOLTAGE CONVERSION AND CHANGING FUSES

The Platinum can be configured for 120 V or 240 V operation by switching the voltage switch on the back panel. The Platinum will work over a wide voltage range so 80 volts is no problem at the 120 V setting and 180 V will work at the 240 V setting.

Fuses may blow during unusual power surges or disturbances. Protect this product with a good surge protection power supply. Replace fuses with 3 A 5 mm x 20 mm miniature fuses. To access the fuses, follow the instructions below.

UPGRADES AND MODIFICATIONS

Removal of the cover - Unplug the AC power. Work on a soft scratch resistant surface like a carpeted floor. Start with the unit upside down and remove three screws located along the front edge of the cover. Then turn the unit over and remove the three screws along the back edge of the cover. Loosen the four screws holding the endcaps on as they may prevent the cover from moving easily. Slide the cover toward the front of the unit and lift up. Carefully reach in and unplug the cable from the front. Set aside the cover.

Change the fuse - Remove the cover of the Platinum. The fuse is located near the power connector.

No other upgrades are available at this time.

TROUBLESHOOTING


No "Source" indicated on DAC - Check for bad cable, or cable plugged into the wrong place.

The unit does not work powered on 240 V - unplug power quickly or capacitors may smoke. The unit is configured for 120 V Check voltage selector on back.


WARRANTY

All MSB products carry a one year warranty. No returns accepted without an RMA. Upon receipt, MSB will repair or replace any defective product. All product shipped FOB Aptos. Shipping and shipping damage is the responsibility of the consignee.

COVER REMOVAL




3 screws



3 screws

Loosen
or
remove



- 1) Remove or loosen one Side Panel (End Cap) by removing 4 Allen Screws as shown.
- 2) Remove 6 Philips screws from top and bottom of cover. Remove cover, and disconnect ribbon cable that attaches the Front Display to the Platinum Main Board. Reference CD Players will have more than one ribbon cable; both will have to be removed. Set cover, Screws and End cap aside.