

# BRYSTON

## **BOT-1** Optical Transport Owner's Manual



## Important Safety Instructions



The lightning flash with arrowhead symbol within an equilateral triangle, is intended to alert the user to the presence of un-insulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
8. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
9. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
10. Only use attachments/accessories specified by the manufacturer.
11. Unplug this apparatus during lightning storms or when unused for long periods of time.
12. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

**WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.**

**DO NOT EXPOSE THIS EQUIPMENT TO DRIPPING OR SPLASHING AND ENSURE THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, ARE PLACED ON THE EQUIPMENT.**

**TO COMPLETELY DISCONNECT THIS EQUIPMENT FROM THE AC MAINS, DISCONNECT THE POWER SUPPLY CORD PLUG FROM THE AC RECEPTACLE.**

**THE MAINS PLUG OF THE POWER SUPPLY CORD SHALL REMAIN READILY OPERABLE.**

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### BRYSTON LIMITED WARRANTY

Bryston analog audio products are warranted to be free from manufacturing defects for twenty (20) years from the original date of manufacture. The warranty includes parts and labour. Bryston digital products and cables are warranted for five years from the original date of manufacture. The warranty includes parts and labour.

Bryston products having motorized moving parts, excluding motorized volume controls, are warranted for three years from the original date of manufacture. The warranty includes parts and labour.

Bryston will remedy the problem by repair or replacement, as we deem necessary, to restore the product to full performance. Bryston will pay return shipping only for the full length of the specific product’s warranty.

In the event of a defect or malfunction, contact Bryston’s repair centers for return authorization. Products must be returned using original packaging material only. Packing material may be purchased from Bryston if necessary. This warranty is considered void if the defect, malfunction or failure of the product or any component part was caused by damage (not resulting from a defect or malfunction) or abuse while in the possession of the customer. Tampering by persons other than factory authorized service personnel or failure to fully comply with Bryston operating instructions voids the warranty. This warranty gives you specific legal rights and you may also have other rights which may vary from province to province and country to country. As of 2006-02-22 Bryston will only warranty Bryston products purchased through authorized Bryston dealers. Bryston products with a date code of 0608 or higher (date code format is “yyww”, where “yy” is the two least significant digits of the year and “ww” is the week of the year) must be accompanied by a copy of the bill-of-sale from a Bryston authorized dealer to qualify for warranty service. The warranty is transferable from the original owner to a subsequent owner as long as a copy of the bill-of-sale from the original authorized Bryston dealer accompanies the re-sale. The copy of the bill of sale to any subsequent owner need ONLY include the Name of the Bryston Authorized Dealer and the Model and Serial number of the Bryston product. The warranty will only be honored in the country of the original purchase unless otherwise pre-authorized by Bryston.

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#### BRYSTON SERVICE in CANADA:

Postal address: P.O. BOX 2170, Stn. Main  
PETERBOROUGH, ONTARIO  
CANADA K9J 7Y4

Courier address: 677 NEAL DRIVE  
PETERBOROUGH, ONTARIO  
CANADA K9J 6X7

PHONE: 705-742-5325  
FAX: 705-742-0882  
E-mail: cdnser@bryston.com

#### BRYSTON SERVICE in the USA:

79 COVENTRY ST., Suite 5  
NEWPORT, VERMONT  
U.S.A. 05855-2100

PHONE: 802-334-1201  
FAX: 802-334-6658  
E-mail: usaser@bryston.com

#### BRYSTON SERVICE outside Canada and the USA:

contact your local distributor or

CHECK OUR WEB SITE: [www.bryston.com](http://www.bryston.com)  
E-MAIL BRYSTON DIRECTLY: [cdnser@bryston.com](mailto:cdnser@bryston.com)  
FAX BRYSTON DIRECTLY: 01-705-742-0882  
PHONE BRYSTON DIRECTLY: 01-705-742-5325

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## General

### Welcome

Thank you for your purchase of a Bryston BOT-1 Bryston Optical Transport. By adding an optical disc drive to your BDP digital music player, you can now rip and play CDs with your BDP without having to use a computer. You can leverage the world-class digital playback engine in your BDP to play CDs back at equivalent quality to a ripped disc. You can also rip CDs with a single button press to any of the attached drives. Expanded features are easily accessed through our comprehensive graphical user interface useable on any modern web enabled device. As with all Bryston equipment, we welcome your questions, comments, and criticism. Thank you for owning Bryston.

### Features

Bryston BOT-1 include the following:

- DC power supply included. Or power from optional BPS-3 multi-device power supply.
- Connect to BDP with included USB cable (Type A to Type Mini-B)
- Slot loading optical drive.
- Fully managed through Manic Moose web-based graphical user interface.
- Available in Black or Silver. Cosmetically matches other Bryston C-Series components.

### Shipping Box and Packing Material

Please keep the original shipping box and all packing material. This will ensure the BOT-1 is protected in future transport. In the unlikely event you have a problem and must return it for service, you must use the proper packing material. Ship the BOT-1 only in the original packing material, as the unit is not insurable by carriers otherwise. Replacement packing materials, consisting of a shipping carton with plastic foam inserts, is available from Bryston for a small fee.

## Installation and Usage

### Placement

The BOT-1 is designed to occupy 1/3 the width of a 17" wide C-Series component. Therefore, the BOT-1 is commonly placed on top of the BDP or other Bryston C-Series component. However, placement is not critical, and the BOT-1 can be placed beside the BDP or elsewhere in the equipment rack. Do not orient the BOT-1 in any position where it is not resting on the 4 attached plastic feet since unconventional orientation may increase the risk of a disc jamming inside the transport.

## Connecting to A/C Power

Power is supplied to the BOT-1 using the included DC power adapter which connects to the BOT-1 with mating D-Sub connectors. Firmly connect the power adapter to the BOT-1 and secure the thumb screws before plugging the unit into the wall.

## Connecting to BDP

Connect your BOT-1 to any available USB port on your BDP using the USB cable provided. Once connected, the Manic Moose interface will show “Eject” in the upper left portion of the transport control area.

## Inserting and Ejecting CDs

To insert a disc, simply push it into the slot label side up until the BOT-1 motor grabs the disc and pulls it into the mechanism. **Never force a disc into the drive!**


To eject a disc, press the STOP button on the front panel of your BDP or EJECT from the Manic Moose web user interface.

## Ripping CDs

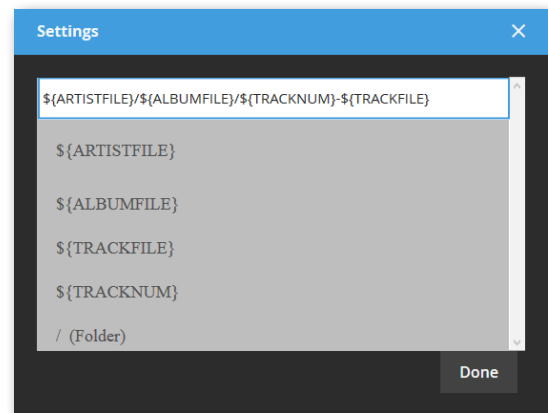
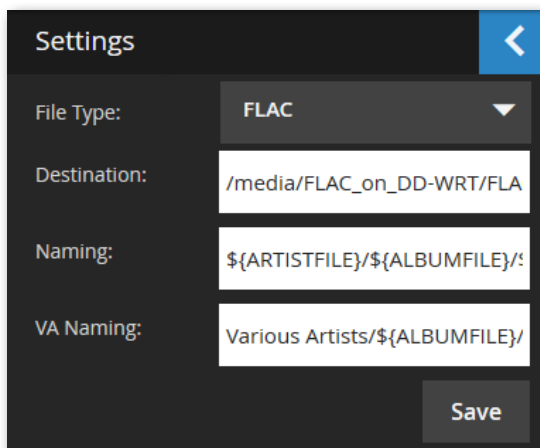
Access the CD ripping application through the web interface of your BDP. From a web-browser on a compatible device, open the web page for your BDP. This may be `http://bryston-bdp-[1 or 2].local` or simply the numerical IP address assigned to your player. Click “Applications” then CD Backup. Configure the CD Backup application as you wish (or accept the default configuration). You can

initiate CD ripping from the CD Backup application or from the device front panel.

## Configuring CD Backup

By default, CD Backup will copy CDs to the first storage device found by the BDP. You can change the storage location of ripped CDs by opening the settings pane on the left side of the page. Open the settings pane by clicking .

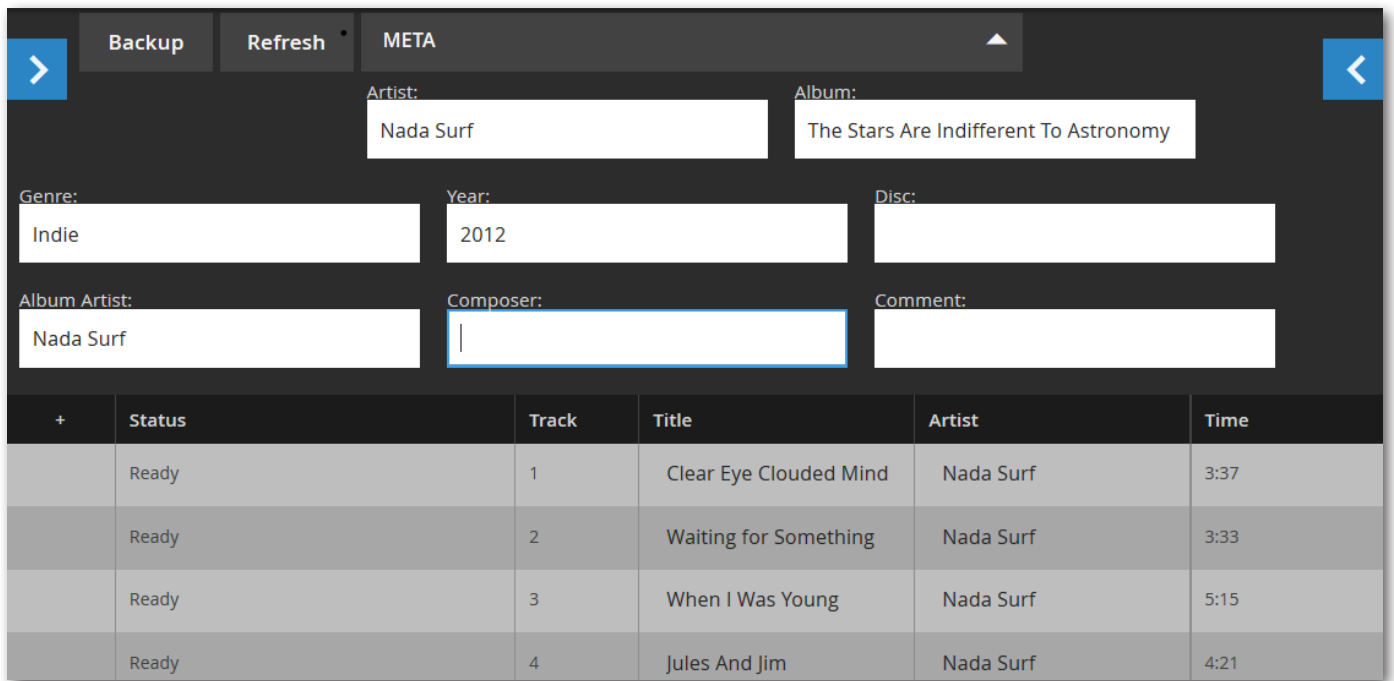
- **File Type:** Choose between FLAC, WAV and MP3. FLAC is preferred since it features lossless sound quality and full support for metadata. WAV is also lossless but doesn’t support embedded metadata. MP3 has the widest compatibility with other playback hardware but damages sound quality in exchange for minimal file size.
- **Destination:** Choose either a local or network connected drive and sub folder in which CD rips will be stored.
- **Naming:** Within the chosen destination, this describes how folders and files will be placed and named according to metadata. Either accept the default or create your own by using a combination of metadata tags and your own



entered text. As an example, the scheme above would result in Tom Petty/Wildflowers/02-You Dont Know How it Feels.flac

- **VA Naming:** Edit settings specific to storage of compilation albums. Motion picture soundtracks and other “Various Artists” albums can be stored in a compilations folder and include different criteria in their naming scheme than traditional single artist albums.

## BOT-1 Bryston Optical Transport



+	Status	Track	Title	Artist	Time
	Ready	1	Clear Eye Clouded Mind	Nada Surf	3:37
	Ready	2	Waiting for Something	Nada Surf	3:33
	Ready	3	When I Was Young	Nada Surf	5:15
	Ready	4	Jules And Jim	Nada Surf	4:21

### Entering Metadata

When a CD is inserted, the BDP attempts to retrieve pertinent information about the disc from the internet. Most discs are accurately recognized, but in the case of ambiguous choices, you can choose from among other close matches using the META dropdown menu. You can also manually override any field with a white text box and the fields in the Artist and Title columns in the track listing beneath.

### Cover Art

Along with text metadata, the BDP also attempts to retrieve cover art to display in Artist View and during playback. To see the cover for the current disc, click the < button. The cover art pane expands. The top album cover is the one currently chosen to be included in the folder with the CD rip. If this is incorrect, click any image below to choose between other close matches.

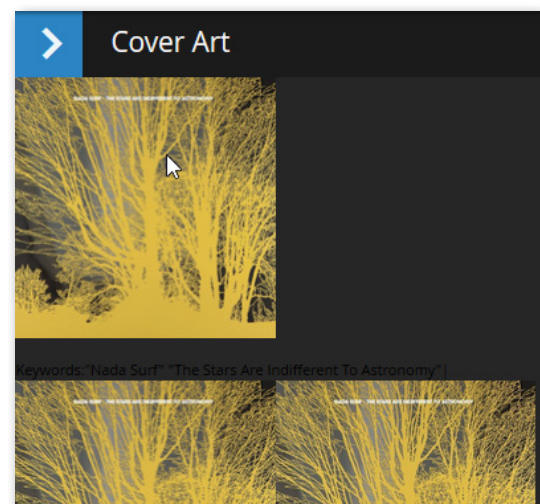
### Executing the Backup

Click BACKUP to initiate the CD ripping process. The status column will indicate progress. If the folders do not exist on your destination drive, they will be automatically created. Once ripping is complete, the disc will automatically eject, and your library will be

updated to include the new files.

Once you have configured the CD Backup application, successive CD rips may not need to involve the web user interface unless you feel compelled to verify metadata and album artwork.

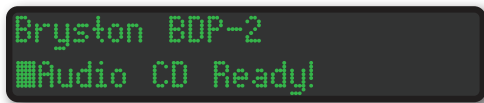
Once you insert the CD, the BDP will attempt to recognize the disc. The front panel will read “Audio CD Ready!”. Press the Pause button **||** to initiate CD ripping. The disc will eject when done.



## Playing CDs Directly

By utilizing the digital audio playback engine developed for the BDP digital players, listeners no longer need a separate dedicated CD player to play discs without ripping them first. The BDP buffers a few seconds of audio into its memory just like when it reads a file from storage. Therefore, there is no audio quality difference between the CD playback and the ripped file.

There are two ways to initiate playback. Insert your CD in the BOT-1. The BDP will read the disc's table of contents and, if connected to the internet, will attempt to identify the CD metadata and album art. After a few seconds, the front panel of the BDP will read "Audio CD Ready!"

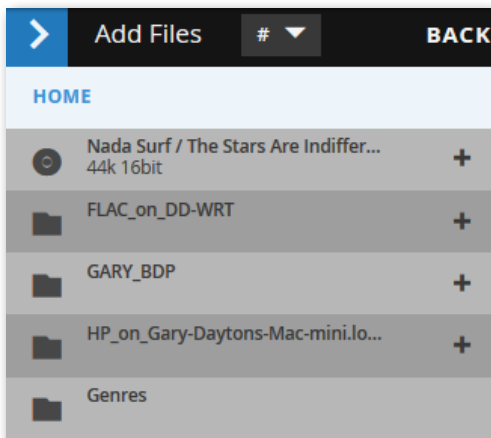


## CD Playback Method 1

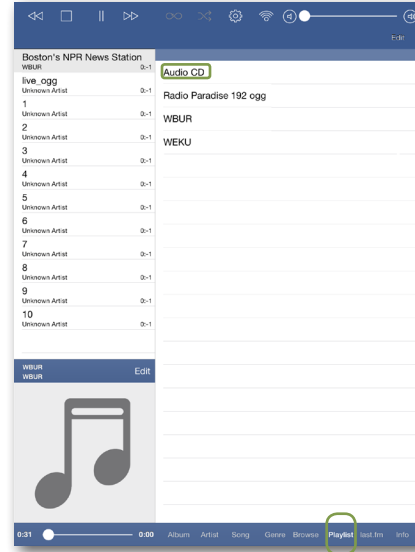
Once you see the Audio CD Ready! message, simply press the Play button on the front panel. The CD will begin playing shortly thereafter.

## CD Playback Method 2

The Manic Moose user interface creates two references to the Audio CD. One is a listing at the top of Default View. Simply click the text describing the CD or the + beside it to add it to the playlist. Press Play ► in the transport controls area to initiate playback.



For those who use 3rd party control applications on Android, iOS, and other platforms, a playlist is automatically generated titled Audio CD when a CD is inserted in the BOT-1. To play a CD using a 3rd party application, click or tap the Audio CD playlist.



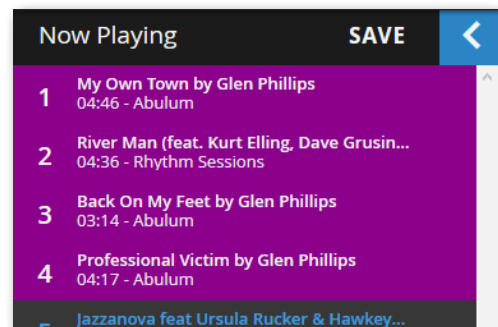
*In 3rd party apps, Audio CDs are listed in the Playlists section of the library. Audio CD only appears when one is inserted into the BOT-1. MPoD is shown at left.*

## Burning a Playlist

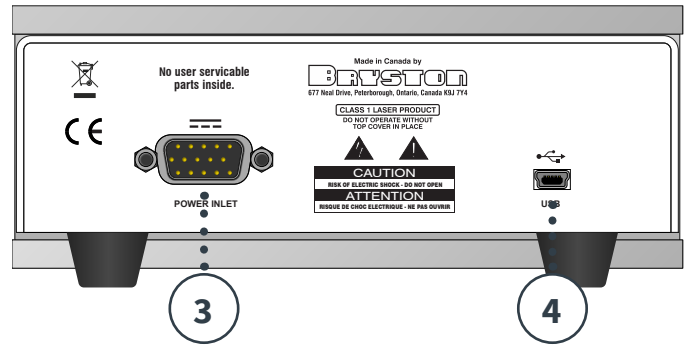
When a playlist is generated from music stored on local or network attached drives and is less than 80 minutes in duration, it can be archived to a CD for playback on traditional CD players.

1. Create a playlist less than 80 minutes in duration comprised of only 44.1 kHz / 16 bit PCM audio.
2. Insert a blank CD-R into the BOT-1
3. Click or Tap on BURN

As the BDP prepares the tracks for burning, they will be highlighted in purple indicating progress. Once they are all highlighted, burning commences. Once the disc is done, it will automatically eject. Any errors will be reported on the Dashboard.



## BOT-1 Bryston Optical Transport



### Front Panel

#### 1. Disc Slot:

Insert an audio redbook CD into this slot for playback or ripping or a blank CD-R for burning. Orient the disc so that the label side is facing up. Gently insert the disc until you feel a slight resistance. Then the motor will automatically pull the disc in the rest of the way. Never attempt to insert a disc without power applied to the drive.

#### 2. LED Indicator:

The single LED on the front panel will glow green (or blue if ordered as such) when powered on.

### Rear Panel

#### 3. Power Inlet

Only use the supplied D-Sub 15 cable and DC power supply or the Bryston BPS-3 multi-unit power supply. Insert and secure the D-Sub cable prior to plugging the power supply into the wall. The unit must be plugged in to operate.

#### 4. Mini USB Inlet

Use the provided Mini USB to USB-A cable to connect the BOT-1 to your BDP digital music player. Any available USB slot can be used.

### Specifications

<b>Size W x H x D (in. / cm)</b>	5.7 x 2.675 x 8.25 14.5 x 6.8 x 21
<b>Weight (lbs / kg)</b>	3.6 / 1.6
<b>Readable Media</b>	Redbook CD, CD-R, CD-RW
<b>Writable Media</b>	CD-R, CD-RW
<b>Max. Read Speed</b>	24X
<b>Power Input</b>	12V / 1.5A
<b>Max Power Consumption</b>	20.5 Watts

### Warranty

Your Bryston BOT-1 is warranted for a term of 3 years from date of purchase against defects in materials and workmanship when purchased new from an authorized Bryston dealer. The warranty is transferrable. See the inside front cover or <http://www.bryston.com/pages/warranty.html> for further details.

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