Introduction

Thank you for purchasing the BEHRINGER B-CONTROL DEEJAY BCD3000. This next-generation DJ machine comes with an impressive software bundle which includes a variety of applications to creatively produce professional-sounding podcasts for the Internet. With these tools, move up a notch in the evolution of broadcasting, and free yourself and others from the limitations of conventional broadcasting technologies.

Podcasting basics

The following section gives you a quick insight into the terminology being used.

Podcasting is a term derived from combining the two words "iPod" and "broadcasting" and is defined as the distribution of audio or video files, such as radio programs or music clips, over the Internet. This is accomplished by using one of two syndication techniques which allow users to listen and, of late, even view digital media on such portable media devices as iPod players and laptops.
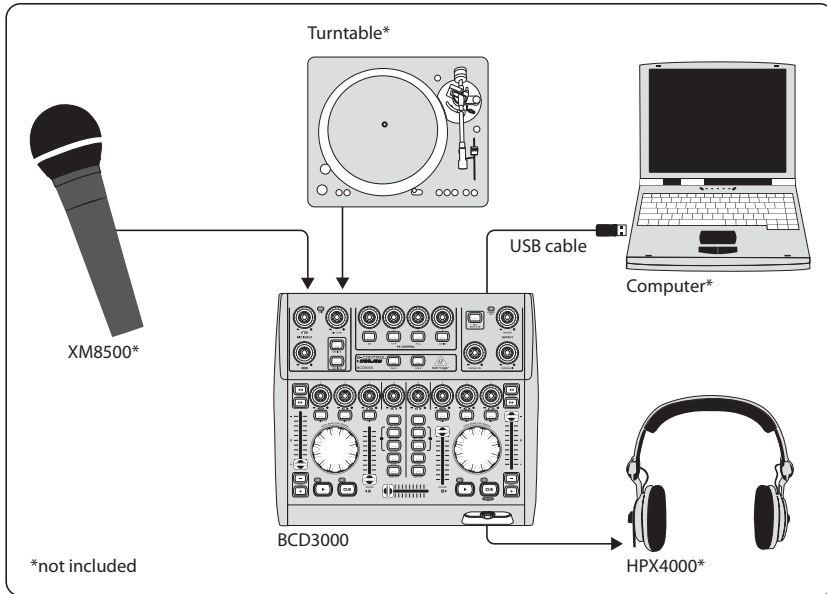
RSS (Really Simple Syndication) and **Atom** are Web content syndication formats written in XML which provide either podcast content or summaries that link to content and additional file information.

Podcast is a feed of audio or video files placed on the Internet for public access. Anyone can subscribe to the feed and download the media files. This allows you to collect programs from a wide range of sources for listening or viewing media content, either online or offline with your computer or an appropriate portable device.

Podcatcher refers to a software application that enables the download of podcasts. Usually, it launches when the computer is started and then runs in the background, managing feeds that you add manually and downloading each at a specified interval.

Turntable*

USB cable

Computer*

XM8500*

BCD3000

HPX4000*

*not included
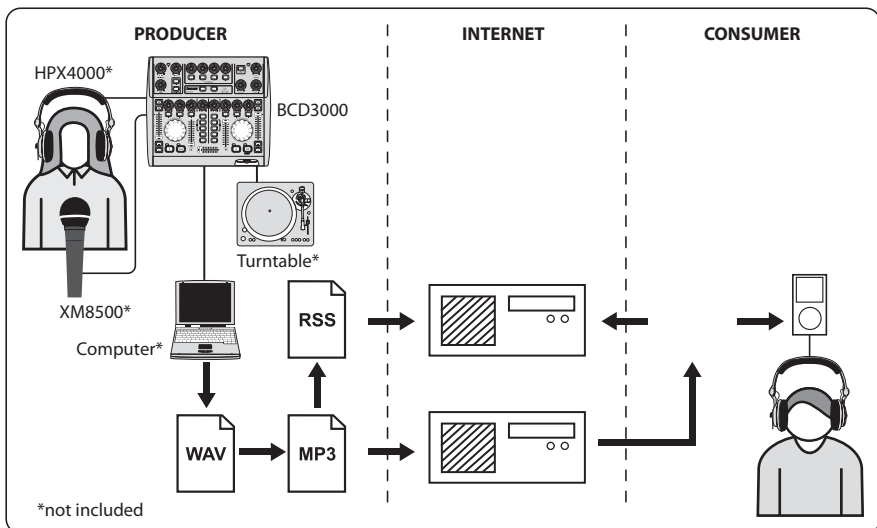
Step-by-step installation

Now that you know the terminology and have all the gear you will need to produce high-quality audio podcasts, it's about time you set up the equipment, install the software and get started.

1. Install the drivers provided on the BEHRINGER software CD when using a computer with a Windows operating system (not required for Mac OS X operating systems).

2. Connect your new BCD3000 controller interface to your computer with the included USB cable.

3. Connect 2 turntables or a single turntable and an additional sound source (for example, a CD player) to the respective RCA connectors of the BCD3000 interface. When a turntable is connected to the analog input, remember to switch to Phono.

4. Connect a microphone to the XLR Microphone input of the BCD3000 interface.

5. Connect a pair of headphones to the console's Headphone output. Should you want to monitor the recording sessions with loudspeakers, connect the Master output to your hi-fi system or a pair of active speakers.

B-CONTROL DEEJAY BCD3000 QUICK-START GUIDE

1. Then, install the Audacity software application, an easy-to-use audio editor, and Kristal Audio Engine, a powerful audio sequencer and mixer for Windows operating systems. Please note that the Audacity software is not ASIO capable, but runs on both Windows and Mac OS X operating systems.

2. The Audacity software doesn't include an MP3 codec to encode audio files. For this reason you will first need to download and install the LAME MP3 encoder (more information and download at http://audacity.sourceforge.net/download/?lang=en).

3. Remember to choose the appropriate driver in the preferences of Audacity and Kristal Audio Engine when using these programs with the BCD3000.

4. Install the Podifier software. This application automates the making of podcasts and includes an FTP feature to upload your podcasts to a server.

5. Install the Juice or Podnova software. Both of these applications are cross-platform podcast receivers which help you manage your podcast files.

6. Alternatively, install the Golden Ear software (works only on Windows operating systems). This program is a podcast receiver that enables you to look for and download podcasts.

Software	Windows XP	Mac OS X
Kristal, Golden Ear	x	–
Other software	x	x

Your first podcast

Start to produce your first podcast by recording your voice, an acoustic instrument or music from your CD player or connected turntable. Your BCD3000 enables you to control the input level and equalize the material you've picked up through the microphone, while you monitor the sound with your headphones. Using the included Audacity recording software, you can record, edit and save your recording sessions to your computer's hard drive. Simply turn up the levels of the Microphone input and Main output of your mixer and click on the record button in the application to create a new track and record everything you pick up with your microphone or from any other sound source. Be sure to adjust the input and output levels accordingly. After you have finished recording, you can edit and then export the recorded material to a common audio format.

Load the audio file into the Kristal Audio Engine application, which enables you to add multiple tracks (please be aware of copyright issues when using material that is not your own) and master these to a single, final stereo track. Since the Kristal Audio Engine software supports VST plug-ins, you are able to use VST effects to process your audio material.

Now that you have a final version you would like to publish as a podcast, go ahead and compress your audio file to the MP3 file format (after you have installed the LAME encoder) or convert your file to an available audio format of your choice. Simply open your audio file in the Audacity software application and use the Export command in the File menu to save your file.

To publish your podcast, make your new file available online. Upload the generated file to a server with the Podifier software, which assists you to create a feed for your file, enabling you to enter such information as your podcast's URL and title. The feed of your podcast can finally be made accessible to the public by posting it, for example, to an Internet portal. Congratulations, you have just published your very first podcast!

behringer

FEDERAL COMMUNICATIONS COMMISSION COMPLIANCE INFORMATION

BEHRINGER
B-CONTROL DEEJAY
BCD3000 USER MANUAL

Responsible party name:	**MUSIC Group Services USA, Inc.**
Address:	**18912 North Creek Parkway, Suite 200 Bothell, WA 98011, USA**
Phone/Fax No.:	**Phone: +1 425 672 0816** **Fax: +1 425 673 7647**

B-CONTROL DEEJAY BCD3000 USER MANUAL

complies with the FCC rules as mentioned in the following paragraph:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

Important information:

Changes or modifications to the equipment not expressly approved by MUSIC Group can void the user's authority to use the equipment.