

INSTRUCTIONS FOR USE Pro-Ject USB Box

Dear music lover,

thank you for purchasing a PRO-JECT AUDIO USB Box. In order to achieve maximum performance and reliability you should study these instructions for use carefully.



Warning of a hazard for the user, the unit or possible misuse.



Copyright, trademarks

Important notice.

PRO-JECT is a Registered Trademark of H. Lichtenegger.

This guide was produced by: Audio Trade GmbH Copyright © 2008. All rights reserved.

The information was correct at the time of going to press. The manufacturer reserves the right to make changes to the technical specification without prior notice as deemed necessary to uphold the ongoing process of technical development.

Windows XP[®], Windows Vista[®] and Windows 7[®] are trademarks of the Microsoft group of companies. Mac and Mac OS are trademarks of Apple Inc., registered in the U.S. and other countries.

Service

Should you encounter a problem which you are not able to alleviate or identify despite the above information, please contact your dealer for further advice. Only when the problem cannot be resolved there should the unit be sent to the responsible distributor in your country.

Warranty



The manufacturer accepts no responsibility for damage caused by not adhering to these instructions for use. Modification or change to any part of the product by unauthorized persons release the manufacturer from any liability over and above the lawful rights of the customer.

Technical specifications Pro-Ject USB Box

Line-level output:	1 pair RCA/Phono sockets
Output voltage:	0,775Vrms
A/D converter:	Burr Brown PCM2702E 16-Bit Delta Sigma, 8-times oversampling
Sampling rate:	44,1kHz
USB-input:	digital serial data protocol USB 1.1
Operating systems:	Windows XP [®] , Windows VISTA [®] , Windows 7 [®] and Mac OS
Dimensions $W \times H \times D$ (D with sockets):	103 x 36 x 103 (109)mm
Weight:	540g

Connection to the amplifier

Connect the **Out** socket to a line input (such as **AUX**) on your amplifier.





Make all connections whilst the USB Box is disconnected from the amplifier. Take care to connect the left and right channels correctly. The right channel is usually marked red, the left channel black or white.

Connecting to a Computer (Windows XP® operating system)

1. Connect the USB-input of the USB Box to a free USB-socket on your computer and turn it on/make sure it is powered on.



Please note: Connection should be made to an USB-socket of your computer directly. Connecting to USB-hubs or switches can cause problems.

2. The "new hardware found assistant" will detect the unit and announces it as a "USB loudspeaker".

3. ope →	en the System m Settings	nenu via "Start"	(Windows key)	4 . In the control panel open the "Sound and audio" menu.
	Control Panel → Sound and	Audio Devices		Sounds and Audio Devices Properties
P Professional	Windows Update WinZip SolarWinds Free Tools Programs Documents Settings Search Help and Support	Control Panel C	 Scheduled Tasks Security Center Sounds and Audio Devices Spech System Taskbar and Start Menu User Accounts Windows Firewall Wireless Network Setup Wizard 	SoundMAX HD Audio
x swopujA	Run Log Off 1000749 Shut Down t			Speaker settings Use the settings below to change individual speaker volume and other settings. Speaker Volume Advanced OK Cancel

 In the Sounds and Audio panel select the Audio tab. In the Replay section select your sound card from the pull-down lists (usually preselected).

ounds an	d Audio Devices Properties 🛛 🛛 🔀
Volume	Sounds Audio Voice Hardware
C Sound	playback
Ø.	Default device:
9	SoundMAX HD Audio 🛛 🗸
	Volume Adva <u>n</u> ced
Sound	recording
2	D <u>e</u> fault device:
18	SoundMAX HD Audio
	Volume Advanged
- MIDI m	usic playback
₽ ₽	De <u>f</u> ault device:
<u>nien</u>	Microsoft GS Wavetable SW Synth
	Volume About
<mark>⊻</mark> <u>U</u> se o	nly default devices
	OK Cancel Apply

 Select the USB Audio CODEC from the pull down list in the Playback section. Make sure your sound card is selected for Recording.

nardware

Apply



7. Confirm your selections by clicking the OK button and close the control panel windows.

Connecting to a Computer (Windows Vista® operating system)

1. Connect the USB-output of the USB Box to a free USB-socket on your computer and turn it on/make sure it is powered on.



Please note: Connection should be made to an USB-socket of your computer directly. Connecting to USB-hubs or switches can cause problems.

2. The "new hardware found assistant" will detect the unit and announces it as "Burr-Brown PCM2702".

J Driver Software Installation		
Your devices are ready to use	2	
The software for this device has been	successfully installed.	
USB Composite Device	Ready to use	
Burr-Brown Japan PCM2702	Ready to use	
		Close

3. Open the Playback panel. \rightarrow Start \rightarrow Control Panel \rightarrow Hardware and Sound \rightarrow Sound \rightarrow Playback In the Playback panel Burr-Brown PCM2702 (announced as Speakers) should be selected (usually preselected).

	Digital Output Device (HDMI) 2- High Definition Audio Device Working	
0	Speakers Burr-Brown Japan PCM2702 Working	
	High Definition Audio Device Working	

4. Click the OK button and close the control panel windows.

Connecting to a Computer (Windows 7[®] operating system)

1. Connect the USB-output of the USB Box to a free USB-socket on your computer and turn it on/make sure it is powered on.



Please note: Connection should be made to an USB-socket of your computer directly. Connecting to USB-hubs or switches can cause problems.

2. Open the Playback panel. \rightarrow Start \rightarrow Control Panel \rightarrow Hardware and Sound \rightarrow Sound \rightarrow Playback

In the Playback panel USB Audio Device (announced as Speakers) should be selected (usually preselected).

Sound		x
Playback Re	cording Sounds Communications	
Select a play	back device below to modify its settings:	
	Digital Audio (HDMI) 2- High Definition Audio Device Not plugged in	
	Speakers High Definition Audio Device Ready	
0,	Speakers USB Audio Device Default Device	
Configure	Set Default	ies
	OK Cancel Ap	pply

3. Click the OK button and close the control panel windows.

Connecting to a Computer (e.g. with Mac OS Safari operating system)

1. Connect the USB-output of the USB Box to a free USB-socket on your computer and turn it on/make sure it is powered on.



Please note: Connection should be made to an USB-socket of your computer directly. Connecting to USB-hubs or switches can cause problems.

2. Open the System Preferences panel and select SOUND.

000			System	Preferences			
•	Show All					Q	
Personal				Second			
New				0	Î	Q	
Appearance	Desktop & Screen Saver	Dock	Exposé & Spaces	International	Security	Spotlight	
Hardware							
8	6		0	-	—	0	
Bluetooth	CDs & DVDs	Displays	Energy Saver	Keyboard & Mouse	Print & Fax	Sound	
Internet &	Network						
		0					
MobileMe	Network	QuickTime	Sharing				
System							
11	R	* *	()	-	2	0	
Accounts	Date & Time	Parental Controls	Software Update	Speech	Startup Disk	Time Machine	Universal Access

3. Open the Sound panel and select Output.

	Sound Effects	Output Input	
Choose a device for so	und output	~	
Name		Туре	
Internal Speakers		Built-in Output	
Burr-Brown Japan PCM2	702	USB	
settings for the selected	uevice.		
settings for the selected	The selected device	has no output controls	

- 4. Select Burr-Brown Japan PCM2720 in the Output panel.
- **3**. Confirm the settings and close all windows.

Pro-Ject Direct Streaming - Kernel Streaming (Windows XP[®] operating system)

Normally the audio data that comes from CD gets resampled by the Windows[®] Kernel Mixer. This conversion process deteriorates the audio performance.



Pro-Ject Direct Streaming allows bit-by-bit processing. This avoids unwanted signal alteration of the original signal through by-passing the Windows[®] Kernel Mixer of your PC.

For replay a suitable software player, like for instance foobar2000, will be needed. If Pro-Ject Direct Streaming will not be used, any software player will be suitable.



Pro-Ject Direct Streaming and foobar2000 software

Downloade the software (http://box-designs.com/main.php?prod=usbbox&cat=digital&lang=en) and install it. To do so, double-click install.bat and follow the instructions.

Complete the installation by restarting the computer.



Please be aware that downloads from the Internet are made entirely at your own risk. Under no circumstances can we carry responsibility or provide support for software products sourced from the internet or for any damage or problems arising from the use thereof. All downloads should be checked with an up-to-date anti-virus programme. License fees may be applicable.