

### Top reasons to buy a BT100

#### BT100 application guide:



##### Music

The BT100 enables you to wirelessly enjoy music from a Bluetooth device, allowing effortless navigation and control from the comfort of a chair.



##### Apps and video audio

The BT100 is not limited to music. When using Apps, watching videos, or TV via a Bluetooth enabled device, the integral speakers can spoil the experience. You can connect your device to the BT100 and conveniently enjoy high quality sound through your Hi-Fi system.

#### Did you know?

Even music streamed wirelessly to the BT100 is dramatically improved thanks to the upsampling technologies in the Stream Magic 6 and DacMagic Plus, with the convenience of all control being in your hand.

#### aptX enabled devices:

##### Apple

- Snow Leopard OS X
- Lion OS X

##### Samsung

- Galaxy 7.0 Plus Android Tablet

##### Creative

- ZiiO 7" 8GB Android Tablet
- ZiiO 7" 16GB Android Tablet
- ZiiO 10" 8GB Android Tablet
- ZiiO 10" 16GB Android Tablet

##### Motorola

- Droid RAZR



#### Here are seven reasons to choose the BT100 Bluetooth receiver:

- 1 Virtually endless content:** Allows content from any Bluetooth enabled device to the Stream Magic 6, DacMagic Plus or NP30. Great for music stored on the device and the virtually endless content available via internet radio, Last FM and Spotify etc.
- 2 Freedom and convenience:** You can easily browse and choose music from a Bluetooth enabled device, from the comfort of a chair.
- 3 Upsampled audio:** The upsampling technology in our Stream Magic 6 and DacMagic Plus means all music played through the BT100 is significantly improved for even better sound quality.
- 4 High quality sound via aptX:** aptX is a standard which delivers sound quality almost comparable to CD via Bluetooth with an aptX enabled device which the BT100 will even intelligently auto-detect.
- 5 Easy to use:** The BT100 simply connects to the USB port on a Stream Magic 6, DacMagic Plus or NP30 and it's ready to go. Unlike Airplay, there's no Wi-Fi network, configuration or passphrases required, it's completely hassle free. Plus it doesn't just work with Apple devices - it works with any Bluetooth device.
- 6 No separate power:** Conveniently, the BT100's USB connection also provides its power, meaning no additional power supply is required.
- 7 Not just music:** As well as music, the BT100 can be used to provide the audio when watching TV / video and playing Apps via a Hi-Fi system.

#### Designer's note



"aptX offers listeners an even more refined and detailed sound than normally possible using Bluetooth. Personally, I particularly like the BT100 for conveniently evaluating a track I have just created on Garage Band - rather than my headphones."

Niall Dunican -  
Software Engineer and BT100 designer

### The easiest way to enjoy high quality music from a phone, computer or laptop played through a Hi-Fi

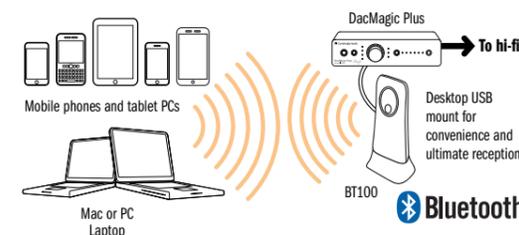
Music available from today's mobile devices and laptops is virtually endless. It can be stored in iTunes, or accessed from the 20,000+ internet radio stations and from online music services such as Spotify and Last FM.

It's all available from a single handy device such as an iPhone, iPad, Blackberry, smart phone, tablet or laptop, yet it's not easy to enjoy through a Hi-Fi system. Connecting directly to an amplifier using a 3.5mm jack lead is inconvenient because you have to be close to the device to change the music, the sound quality is also limited by the inferior DAC (Digital to Analogue Converter) used in these portable devices, which is rarely optimised for sound quality.

The BT100 connects to a supported Cambridge Audio product (Stream Magic 6, NP30, DacMagic Plus) allowing you to quickly 'pair' (link) a Bluetooth device and enjoy all this content through a Hi-Fi system.

This wireless connection provides the freedom to browse and choose music from the comfort of a chair - without having to squint at an iPod dock on the other side of the room or getting up to change album. What's more, the Stream Magic 6 and DacMagic Plus feature our upsampling technology which significantly improves the audio for even better sound reproduction and enjoyment.

Because sound is at the heart of everything we do, the BT100 is also aptX compatible. aptX is less compressed than the standard Bluetooth signal and delivers a sound performance bordering on CD quality (aptX compatible device required).



#### The inside story

##### aptX compatible

Standard Bluetooth is transmitted in Standard Bluetooth CODEC (SBC) which has a variable performance and can restrict audio quality, particularly high frequency detail. However there are an increasing number of Bluetooth devices which support the aptX CODEC. aptX is a standard which consistently delivers great sound and crucially, superior levels of detail.

##### Complete freedom

The BT100 will receive Bluetooth signal over a distance of around 10m, which is enough for most people to sit or move around comfortably in most domestic rooms.

##### ATF2 upsampling

The BT100 is supported by the Stream Magic 6, NP30 and DacMagic Plus which both feature high quality Wolfson DACs (Digital to Analogue Converters) for superior digital conversion. The Stream Magic 6 and DacMagic Plus also feature our proprietary 2nd generation Adaptive Time Filtering (ATF2) upsampling technology. ATF2 was developed in conjunction with Anagram Technologies of Switzerland to intelligently adapt audio to 24-bit/384kHz before it is sent to the amplifier for a superb sound performance.

#### Top-Tips

BT100 is compatible with:  
Stream Magic 6  
Upsampling Network Music Player  
NP30  
Network music player  
DacMagic Plus  
Digital to Analogue Converter



#### LISTENING TIP

The BT100 is user friendly - you can try it for yourself. If you or your friends have a Bluetooth device with music on it, 'pair' it to the BT100 and you can listen and control your own music from the palm of your hand - no passphrases required!

