



**Future Technology Devices
International Ltd.**

**VPLAY Application for VMUSIC
Manual**

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1 VPLAY Application for VMUSIC

The [VMUSIC](#) module uses [FTDI's Vinculum VNC1L-1A embedded USB host controller IC](#) with a VLSI VS1003 IC to allow playback of MP3 and other audio files directly from USB Flash disks.

The VPLAY application allows commands to be sent from a PC USB port via a [TTL-232R-3V3 USB - TTL level serial cable](#) to the [VMUSIC](#) module, such as Play, Skip Forward, Skip Back, Stop and change the volume.

1.1 VPLAY Application

The VPLAY application provides a simple interface to communicate with the [VMUSIC](#) module. To use the VPLAY application, perform the following steps:

- Connect a [TTL-232R-3V3](#) cable to the [VMUSIC](#) module, then connect the [TTL-232R-3V3](#) cable to a USB port on a PC.
- Attach a USB Flash disk with MP3 or WMA files to the [VMUSIC](#) module.
- Open the VPLAY application.



- Select the [TTL-232R-3V3](#) cable from the combo box.



- Click the play button to start playing tracks off the disk. Tracks can be skipped forward or back, paused or stopped using the buttons on the form. The volume can be changed using the slide bar.



1.2 VPLAY Hardware Requirements

The VPLAY application uses FTDI's [D2XX drivers](#) to send commands to the [VMUSIC](#) module. This requires that an FTDI device be used to send the VPLAY commands to the [VMUSIC](#) module. The [TTL-232R-3V3](#) is the simplest device for doing this.

It is possible to create applications which use COM ports or MCUs to issue the commands, but these must be written by the developer.

2 Revision History

Version	Release Date	Comments
1.0	October 2006	Initial release

3 Contact

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4 Disclaimer

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