

USB-2-GPIO-32 adapter

RF front end stand-alone adapter

The USB-2-GPIO-32 adapter allows directly configuring Lyrtech rack-mount RF front ends from computers running on Microsoft Windows XP. The adapter is, as its name implies, capable of interfacing standard Lyrtech GPIO-32 signals (main control signals of rack-mount RF front ends) with the popular USB standard.

Supported rack-mount front ends

- [Quad Dual Band RF Transceiver](#)
- [Twin Tunable RF Transceiver](#)
- [Twin WiMAX RF Transceiver](#)

Specifications

Supported USB standards	<ul style="list-style-type: none"> • USB (1.0 and 1.1) • Hi-Speed USB (USB 2.0)
Supported GPIO-32	Sub-23 I/Os of standard Lyrtech GPIO-32 <i>All RF front end parameters are accessible through the 23 available I/Os. Upper-bit I/Os unavailable through the adapter are dedicated to real-time, low-latency FPGA control applications.</i>
Supported operating system	Microsoft Windows XP service pack 2
Supplied examples	Built with Microsoft Visual Studio 2005



AT A GLANCE

- Allows operating Lyrtech rack mount RF front ends as stand-alone units
- Supplied with APIs specific to each compatible RF front end, enabling custom, PC-based RF front end control applications
- Console control application examples also supplied for each supported RF front end





FOR MORE INFORMATION

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With over 25 years of experience delivering advanced digital signal processing solutions to companies worldwide, Lyrtech serves customers across the Americas, Asia, and Europe. Lyrtech offers a full range of DSP-FPGA development platforms, as well as product development services. Lyrtech works in partnership with such industry leaders as Texas Instruments, The MathWorks, and Xilinx to deliver unsurpassed quality and support to its large OEM customer base, which includes many prestigious names of the consumer electronics, telecommunications, aerospace, and defense fields. In a world where digital signal processing technology is vital to network and wireless communications, audio and video processing, as well as electronic systems in all fields of technology, Lyrtech is an ideal partner.

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