

# LPT2USB

Thin Client Technology At Its Peak

DB 25-LPT2USB Device  
PID: XR00027

Developed to allow legacy systems to communicate flawlessly with USB modern printers, the LPT2USB converts the parallel protocol to USB protocol, allowing seamless replacement of old parallel port printers.

The compact design plugs directly to the host parallel port, while a standard USB cable is used to connect the device to the USB port of the printer.



Fig. 01

## Power can be supplied in three different ways:

1. By a keyboard adaptor (that connects to the PC keyboard port) while still allowing the connection of the keyboard to the host as shown in Fig. 02.
2. By a USB cable (Fig. 3) Connect the cable to a USB host port ( when available)
3. By a AC to DC power supply: use 5VDC to 12VDC power supply, 150 Mill Ampere or more. The positive pole is the inside hole.



Fig. 02



Fig. 03

The LPT2USB works out-of-the-box and does not require any configuration.

## Package Checklist

The DB25-LPT2USB product package includes the following items:

- DB25-LPT2USB Device
- PS/2 to DC power cable
- This User manual



## Overview

Many new printers today do not have a Parallel Port, the legacy printer port. Some applications or hosts still require a parallel port for printing.

The LPT2USB device is designed to interface the PC Parallel Port to USB Printer Port, thereby enabling modern printers to work with the legacy applications.

## Features

The LPT2USB device provides the following features:

- The LPT2USB simply takes the data sent to the LPT and transfers it to the USB connected printer
- The LPT2USB works with any printer
- It does not require any specific software or driver to be installed in the PC
- The LPT2USB works with Windows, Unix, Linux DOS and proprietary embedded systems
- Host hardware type is irrelevant as long as it supports standard parallel LPT port
- USB full speed communication
- IEEE-1284 1994 (bi-directional parallel interface) specification compliant
- Universal Serial Bus Specification Rev. 1.1 compliant
- Easy Plug and Play operation

## System Requirements

Work with any machine and any operation system that fit the following:

- Any host that have Parallel port with IEEE-1284 1994 (bi-directional parallel interface) specification compliant
- The host should be able to send data that is recognized by the printer, as an example, if the printer language is HP PCL Level 3, the application should be able to send print file which is HP PCL Level 3.

## Installation

1. Connect the power supply cable (or power cable - keyboard [Fig 02] or USB [Fig 03] to the round power socket.
2. Plug the Device to the PC DB25 parallel port connector
3. Connect a USB cable between the USB A connector on the unit and USB B connector on the printer's panel
4. Connect the power supply to the mains power supply or, if using keyboard or USB cables for power supply, connect it to the keyboard or USB sockets.

## Warranty

The unit comes with one year conditional warranty.

