

Extron® Electronics

INTERFACING, SWITCHING AND CONTROL

Current Firmware Revision: 2.16

The following notes provide a list of compatible USB human interface devices (HID) supported by the firmware for the Extron Annotator. This list does not include touch sensitive devices which are supported using external modules. For more information please call your Extron Application Engineer.

Updated: 3/13/2012
Extron Products Affected: Annotator (all models)

TECH NOTES

Touch displays, overlays, and tablets – A database of supported touch sensitive devices can be found at <http://www.extron.com/download/hidmodules.aspx> or within the windows control software. Support for these USB and RS232 human interface devices (HID) are achieved using HID modules which are loose files uploaded to the Annotator using the Windows control program. Once the module is uploaded to the Annotator, calibration of the touch device is necessary to align the Annotator cursor and the point of touch. Communication sheets detailing instructions and devices tested are included with each module.

Unsupported Devices – Connecting an unsupported device to the Annotator's USB or RS-232 port may cause adverse reactions. If the device you wish to use is not listed as a supported model, please contact your Extron representative.

These lists are expected to grow as we confirm compatibility of additional devices. Please contact your Extron Application Engineer with questions regarding compatibility with specific device models.



Extron USA - West
Headquarters
+800.633.9876
Inside USA / Canada Only
+1.714.491.1500
+1.714.491.1517 FAX

Extron USA - East
+800.633.9876
Inside USA / Canada Only
+1.919.863.1794
+1.919.863.1797 FAX

Extron Europe
+800.3987.6673
Inside Europe Only
+31.33.453.4040
+31.33.453.4050 FAX

Extron Middle East
+971.4.2991800
+971.4.2991880 FAX

Extron Asia
+800.7339.8766
Inside Asia Only
+65.6383.4400
+65.6383.4664 FAX

Extron Japan
+81.3.3511.7655
+81.3.3511.7656 FAX

Extron China
+400.883.1568
Inside China Only
+86.21.3760.1568
+86.21.3760.1566 FAX

Extron® Electronics

INTERFACING, SWITCHING AND CONTROL

Supported USB Keyboards and Mice

The following is a list of known issues with USB keyboards and mice found in Firmware Version **2.16**.

Unsupported USB Mice and Keyboards – The Annotator supports a finite amount of keyboards and mice without the use of USB modules. It does **not** support all keyboards or mice, such as devices that require additional drivers when connected to a PC. All tested devices are listed below but others may be supported which have not been tested but use similar protocol.

Supported USB Keyboards and Mice

Device Manufacturer:	Dell
Part Description:	Generic Mouse
Supported Model Numbers:	XN966 OXN967 OTO943 PMX-MOA8BO
Tested Model Numbers:	XN966 OXN967 OTO943 PMX-MOA8BO
Annotator Minimum Firmware:	1.01
Remarks:	

Device Manufacturer:	Logitech
Part Description:	Generic Mouse
Supported Model Numbers:	M-BJ58
Tested Model Numbers:	M-BJ58
Annotator Minimum Firmware:	1.01
Remarks:	



Extron USA - West
Headquarters
+800.633.9876
Inside USA / Canada Only
+1.714.491.1500
+1.714.491.1517 FAX

Extron USA - East
+800.633.9876
Inside USA / Canada Only
+1.919.863.1794
+1.919.863.1797 FAX

Extron Europe
+800.3987.6673
Inside Europe Only
+31.33.453.4040
+31.33.453.4050 FAX

Extron Middle East
+971.4.2991800
+971.4.2991880 FAX

Extron Asia
+800.7339.8766
Inside Asia Only
+65.6383.4400
+65.6383.4664 FAX

Extron Japan
+81.3.3511.7655
+81.3.3511.7656 FAX

Extron China
+400.883.1568
Inside China Only
+86.21.3760.1568
+86.21.3760.1566 FAX

Extron® Electronics

INTERFACING, SWITCHING AND CONTROL

Supported USB Keyboards and Mice (continued)

Device Manufacturer:	Hewlett-Packard
Part Description:	Keyboard/Mouse Combo
Supported Model Numbers:	Wireless Elite Desktop (FQ481AA#ABA)
Tested Model Numbers:	Wireless Elite Desktop (FQ481AA#ABA)
Annotator Minimum Firmware:	2.07
Remarks:	

Device Manufacturer:	Logitech
Part Description:	Keyboard/Mouse Combo
Supported Model Numbers:	Wireless Desktop LX310 (920-000390)
Tested Model Numbers:	Wireless Desktop LX310 (920-000390)
Annotator Minimum Firmware:	2.07
Remarks:	

Device Manufacturer:	Microsoft
Part Description:	Keyboard/Mouse Combo
Supported Model Numbers:	Wireless Desktop 3000 (MFC-00001)
Tested Model Numbers:	Wireless Desktop 3000 (MFC-00001)
Annotator Minimum Firmware:	2.07
Remarks:	



Extron USA - West
Headquarters
+800.633.9876
Inside USA / Canada Only
+1.714.491.1500
+1.714.491.1517 FAX

Extron USA - East
+800.633.9876
Inside USA / Canada Only
+1.919.863.1794
+1.919.863.1797 FAX

Extron Europe
+800.3987.6673
Inside Europe Only
+31.33.453.4040
+31.33.453.4050 FAX

Extron Middle East
+971.4.2991800
+971.4.2991880 FAX

Extron Asia
+800.7339.8766
Inside Asia Only
+65.6383.4400
+65.6383.4664 FAX

Extron Japan
+81.3.3511.7655
+81.3.3511.7656 FAX

Extron China
+400.883.1568
Inside China Only
+86.21.3760.1568
+86.21.3760.1566 FAX

Extron® Electronics

INTERFACING, SWITCHING AND CONTROL

Supported USB Extenders

KNOWN ISSUES

The following is a list of known issues with USB hubs found in Firmware Version **2.16**.

Unsupported USB Extenders – Specific USB extenders that have integrated hubs may not be supported. These devices may have multiple USB connections or only a single port. The list below documents devices that have been tested and are known to work.

Icron USB Extenders – Only one extender can be used in a system and it should be connected directly to one of the Annotator USB ports. Using two Icron USB extenders on the Annotator requires power beyond what is available.

Powering USB Hubs and Extenders – It is highly recommended that USB hubs and extenders be powered directly using the manufacturer's power solution. The Annotator provides up to 500mA of power to each USB connection but this is often not sufficient to power all downstream peripherals which often include multiple hubs and extenders. Failing to directly power the connected hubs and extenders can result in unstable USB connectivity and intermittent loss of annotation.

Supported USB Extenders

Device Manufacturer:	Extron Electronics
Part Description:	USB Extender
Supported Model Numbers:	USB Extender TX USB Extender RX
Tested Model Numbers:	USB Extender TX USB Extender RX
USB Extender Technology:	Twisted Pair
Annotator Minimum Firmware:	1.01
Remarks:	TX units must be powered externally if two are connected to the Annotator.



Extron USA - West
Headquarters
+800.633.9876
Inside USA / Canada Only
+1.714.491.1500
+1.714.491.1517 FAX

Extron USA - East
+800.633.9876
Inside USA / Canada Only
+1.919.863.1794
+1.919.863.1797 FAX

Extron Europe
+800.3987.6673
Inside Europe Only
+31.33.453.4040
+31.33.453.4050 FAX

Extron Middle East
+971.4.2991800
+971.4.2991880 FAX

Extron Asia
+800.7339.8766
Inside Asia Only
+65.6383.4400
+65.6383.4664 FAX

Extron Japan
+81.3.3511.7655
+81.3.3511.7656 FAX

Extron China
+400.883.1568
Inside China Only
+86.21.3760.1568
+86.21.3760.1566 FAX

Extron® Electronics

INTERFACING, SWITCHING AND CONTROL

Supported USB Extenders (continued)

Device Manufacturer:	Icron
Part Description:	USB 2.0 Extender
Supported Model Numbers:	USB Ranger 2101 USB Ranger 2104
Tested Model Numbers:	USB Ranger 2101 USB Ranger 2104
USB Extender Technology:	Twisted Pair
Annotator Minimum Firmware:	1.01
Remarks:	Icron Firmware version U08 required for compatibility.

Device Manufacturer:	IOGEAR
Part Description:	USB 1.1 Extender
Supported Model Numbers:	GUCE51
Tested Model Numbers:	GUCE51
USB Extender Technology:	Twisted Pair
Annotator Minimum Firmware:	1.01
Remarks:	

Device Manufacturer:	Aten
Part Description:	USB 1.1 Extender
Supported Model Numbers:	UCE60
Tested Model Numbers:	UCE60
USB Extender Technology:	Twisted Pair
Annotator Minimum Firmware:	1.01
Remarks:	

Device Manufacturer:	NTI
Part Description:	USB 1.1 Extender
Supported Model Numbers:	USB-C5-LC
Tested Model Numbers:	USB-C5-LC
USB Extender Technology:	Twisted Pair
Annotator Minimum Firmware:	1.01
Remarks:	



Extron USA - West
Headquarters
+800.633.9876
Inside USA / Canada Only
+1.714.491.1500
+1.714.491.1517 FAX

Extron USA - East
+800.633.9876
Inside USA / Canada Only
+1.919.863.1794
+1.919.863.1797 FAX

Extron Europe
+800.3987.6673
Inside Europe Only
+31.33.453.4040
+31.33.453.4050 FAX

Extron Middle East
+971.4.2991800
+971.4.2991880 FAX

Extron Asia
+800.7339.8766
Inside Asia Only
+65.6383.4400
+65.6383.4664 FAX

Extron Japan
+81.3.3511.7655
+81.3.3511.7656 FAX

Extron China
+400.883.1568
Inside China Only
+86.21.3760.1568
+86.21.3760.1566 FAX

Extron® Electronics

INTERFACING, SWITCHING AND CONTROL

Supported USB Extenders (continued)

Device Manufacturer:	Smart-AVI
Part Description:	USB 1.1 Extender
Supported Model Numbers:	USB-100
Tested Model Numbers:	USB-100
USB Extender Technology:	Twisted Pair
Annotator Minimum Firmware:	1.01
Remarks:	

Device Manufacturer:	Opticis
Part Description:	Optical USB Extender
Supported Model Numbers:	M2-1xx; M2-2xx
Tested Model Numbers:	M2-200-40
USB Extender Technology:	Fiber Optics
Annotator Minimum Firmware:	1.01
Remarks:	

Device Manufacturer:	Gefen
Part Description:	USB 200
Supported Model Numbers:	USB 200
Tested Model Numbers:	USB 200
USB Extender Technology:	Twisted Pair
Annotator Minimum Firmware:	2.07
Remarks:	



Extron USA - West
Headquarters
+800.633.9876
Inside USA / Canada Only
+1.714.491.1500
+1.714.491.1517 FAX

Extron USA - East
+800.633.9876
Inside USA / Canada Only
+1.919.863.1794
+1.919.863.1797 FAX

Extron Europe
+800.3987.6673
Inside Europe Only
+31.33.453.4040
+31.33.453.4050 FAX

Extron Middle East
+971.4.2991800
+971.4.2991880 FAX

Extron Asia
+800.7339.8766
Inside Asia Only
+65.6383.4400
+65.6383.4664 FAX

Extron Japan
+81.3.3511.7655
+81.3.3511.7656 FAX

Extron China
+400.883.1568
Inside China Only
+86.21.3760.1568
+86.21.3760.1566 FAX