A snapshot of microHAM USB interfaces webpage, around 2005-2007. Very old now.

The Wayback Machine - https://web.archive.org/web/20050401233815/http://www.microham.com:80/USB%20inte…

microHAM   USB <-> Radio Interfaces

USB Interfaces completely cure the problem of a lack of Serial COM ports for your devices. Solves problems of interconnectivity between computer and radio, keying, rotors, SO2R box, and TNC. Attach as many USB Interfaces as you need for full connectivity.
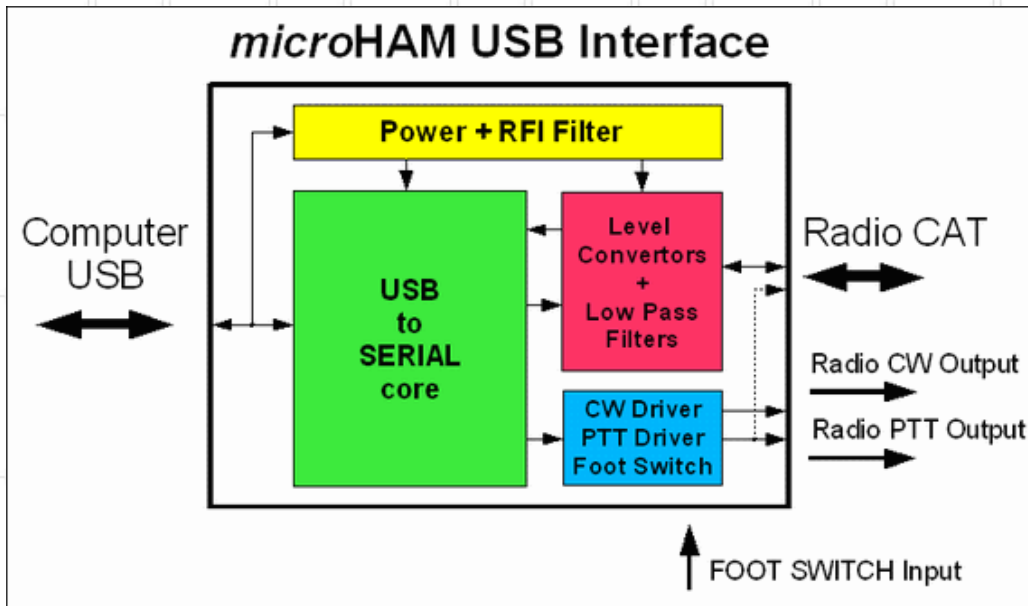
USB Interfaces works under Windows 98/ME/2000/XP, Apple Macintosh OS8/OS9/OS-X. MS-DOS is NOT supported. Linux 2.4.0 and above has support in the core, PID numbers must be changed.

Each properly installed USB Interface (using the provided driver) behaves like a virtual Serial COM Port for the operating system.

USB Interfaces have built-in hardware support for your radio. This means that you no longer need additional level converters like CT-62, IF-232, FIF-232, CT-17. Just choose one for your radio model.
There are drivers for CW (DTR) and PTT (RTS) keying, so you do not need to buy extra interfaces for keying by computer.

Unlike common computer mass "USB to Serial adapters" our USB Interfaces are carefully designed for maximum immunity against strong RFI and harsh environment and at the same time be "RF quiet". Only known product of USB chipset clock is a beat at 144.030MHz. Each data input is filtered by 3 poles low pass LC filter.
Interfaces are powered from USB port and do not need additional powering. Current consumption meets USB 2.0 bus powered standard.

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DB9-KY -probably a variation for Kenwood. Same lines though, PTT, CW and CAT.

Click here to read or write your own review at eHAM.net

Technical specification:

Metal case, shielded cables, gold plated connector.

USB: **USB 2.0 Full speed , USB 1.1 compatible**
Radio Port: **RXD, TXD, max. 57600 Bd**
CW: **open collector, driven from DTR, max 30V/400mA**
PTT: **open collector, driven from RTS, max 30V/400mA**
Foot switch: **input, close to ground to activate. Wired to CTS and RTS**
Dimensions: **W 60mm (2.4") x H 25mm (1") x D 80mm (3.2")**
Weight: **300 g (2/3 lbs)**

$50
USB <-;> Radio

Package inculdes:
micro USB Interface™ 1 pc, installation manual, drivers on CD-ROM

... latest drivers you can download from our downloads page

If your favorite logger does not support Radio Control and CW/PTT at the same virtual COM port, uninstall current driver and install microHAM USB Device Router. Use this approach also if you have problems with CW timing. Read this application note !

Model selection:

ELECRAFT:
K2/100 click here

ICOM:
IC-707 , IC-725 , IC-726 , IC-728 , IC-729 , IC-735 , IC-736 , IC-737 , IC-738 , IC-746 , IC-746Pro , IC-7400 , IC-756 , IC-756Pro , IC-756ProII , IC-761 , IC-765 , IC-775 , IC-781 , IC-910 click here
IC-703 , IC-706 , IC-706MkII , IC-70M6kIIG , IC-718 , IC-78 click here

KENWOOD:
TS-50 , TS-60 , TS-140 , TS-440 , TS-450 , TS-680 , TS-690 , TS-711 TS-790 , TS-811 , TS-850 , TS-940 , TS-950 click here
TS-570 , TS-870 , TS-2000 click here
TEN TEC:

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Jupiter , Orion , Pegasus click here
Delta II , Argonaut II , Omni VI+ , Paragon II click here
Argonaut V click here

YAESU:
FT-736 , FT-747 , FT-767 , FT-980 , FT-990 , FT-1000 , FT-1000D , FRG-100 , FRG-9600 click here
FT-757GXII , FT-840 , FT-890 , FT-900 click here
FT-100 , FT-100D , FT-817 , FT-857 , FT-897 click here
FT-920 , FT-847 , FT-1000MP , FT-1000MP mkV , FT-1000MP mkVField click here

If you wish another plugs for CW and PTT for your interface please write this notice during checkout at our webshop.

USB Interface - KW
USB to IF-232

RADIO : DIN6 male, CW : 6.3mm (1/4") stereo plug, PTT : DIN7 male

KENWOOD

TS450 , TS690 , TS790 , TS850 , TS950

TS50 , TS60 - requires Kenwood IF-10D
TS140 , TS680 - requires Kenwood IF-10C
TS711 , TS811 - requires Kenwood IF-10A
TS 940 - requires Kenwood IF-10B
TS 440 - requires Kenwood IC-10

[BUY NOW]

USB Interface - YS
USB to FIF-232

RADIO : DIN6 male, CW : 6.3mm (1/4") stereo plug, PTT : RCA male

YAESU
Choice of the World's top DX'ers℠

FT736 , FT747 , FT767 , FT980 , FT990 , FT1000 , FT1000D , FRG100 , FRG9600

[BUY NOW]

USB Interface - Y6
USB to FIF-232

RADIO : MINIDIN6 male, CW : 6.3mm (1/4") stereo plug, PTT : RCA male

YAESU
Choice of the World's top DX'ers℠

A snapshot of microHAM USB interfaces webpage, around 2005-2007. Very old now.

FT 757GXII , FT 840 , FT 890 , FT 900

BUY NOW

USB Interface - Y8
USB to FIF-232

RADIO : MINIDIN8 male, **CW :** 3.5mm (1/8") stereo plug, **PTT :** MINIDIN6 male

YAESU
Choice of the World's top DX'ers℠

FT100 , FT100D , FT817 , FT857 , FT897

BUY NOW

USB Interface - IC
USB to CI-V

RADIO : 3.5mm (1/8") mono plug, **CW :** 6.3mm (1/4") stereo plug, **PTT :** DIN7 male

ICOM

707 , 725 , 726 , 728 , 729 , 735 , 736 , 737 , 738 , 746 , Pro , 7400 , 756 , Pro , ProII , 761 , 765 , 775 , 781 , 910

TEN-TEC

Delta II , Argonaut II , Omni VI+ , Paragon II

USB Interface - IC - 13
USB to CI-V

ICOM

RADIO : 3.5mm (1/8") mono plug, **CW :** 6.3mm (1/4") stereo plug, **PTT :** DIN13 male

IC-703 , 706 , MkII , MkIIG , 718 , 78

BUY NOW

USB Interface - DB9 - Y
USB to RS-232

RADIO : DB9 female (RXD, TXD, GND signals) **CW :** 6.3mm (1/4") stereo plug, **PTT :** RCA male

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FT1000MP , FT1000MP mkV , FT1000MP mkVField
FT847 use cross-wired "null modem" cable between radio and interface
FT920 need male/male adapter

BUY NOW

USB Interface - DB9 - K
USB to RS-232

RADIO : DB9 female (RXD, TXD, GND signals) **CW :** 3.5mm (1/8") stereo plug, **PTT :** DIN7 male

TS570 , TS870 , TS2000

BUY NOW

USB Interface - DB9 – T
USB to RS-232

RADIO : DB9 male (RXD, TXD, GND signals) **CW :** 3.5mm (1/8") stereo plug, **PTT : DIN5 male**

Jupiter , Orion , Pegasus

If you plan to use the interface with N4PY software, the TenTec GUI, or firmware updates to the radio then order the USB <--;> RS232 model with full
handshaking lines (RTS, CTS, etc.). Note that this does not provide the PTT or CW keying capabilities needed for some contest software.

If you plan to use contest software that provides a CW keying output, but you do not need to use the TenTec GUI or do firmware updates, then order the DB9-T interface, which provides cables for PTT and CW keying output as well as footswitch PTT input. Note that it cannot be used for the TenTec GUI or firmware updates, which require that RTS/CTS be wired to the DB-9 connector.

BUY NOW

USB Interface - DB9 – E
USB to RS-232

RADIO : DB9 male (RXD, TXD, GND signals) **CW :** 3.5mm (1/8") stereo plug, **PTT : RCA male**

A snapshot of microHAM USB interfaces webpage, around 2005-2007. Very old now.

ELECRAFT

K2

BUY NOW

TEN-TEC

Argonaut V

BUY NOW

USB Interface - RS232
USB to RS-232

DB9 male (RXD, TXD, RTS, CTS, DTR, DSR, RI, GND signals)

Model with full handshake. Support RTS , CTS , DTR , DTS. Suitable for all RS-232 devices like TenTec radios, *micro* BAND DECODER, *micro* STACK MAX, K1EL WinKey, W5XD MultiKeyer, all RS-232 rotor controllers, TNC's, etc ...
The interface does not support low baud rates under 300Bd and 5-bit data length. Consequently, FSK is not supported.

BUY NOW