

UNIVERSAL PROGRAMMER USER GUIDE

INTRODUCTION

The Universal Programmer is designed to be able to configure the majority of CT equipment.



It comes with two leads;

1. USB A to USB A lead to connect and power it from Courtney-Thorne Touch Screen (TS has the configuration s/w).
2. Multi connector lead, allowing it to connect to CT equipment.
3. Connect the Universal Programmer to your CT Touch Screen using the USB A to USB A lead Note: the very first time you connect you will have to make a change to your CT Touch Screen to allow it to communicate (See appendix A for instructions).
4. Using the "Multi connector lead" connect the Universal Programmer to the piece of CT equipment you want to configure. Note: A Connect WEAR or O8 WNP requires no physical connection to the Universal Programmer(See appendix B for instructions on how to configure them).
5. Change the rocker switch to the setting that matches the product being programmed.

I

- O8/E+ LED Panels
- O8/E+ RTX
- Connect View
- Connect Boost
- Connect Light
- Connect Switch

O

- O8 WNP
- Connect WEAR

II

- Connect Room Units
- Connect Assist
- Connect Guard
- O8/E+ Room Units
- O8 CPC
- O8 ODL
- O8 LSR
- O8 RFID Beacon

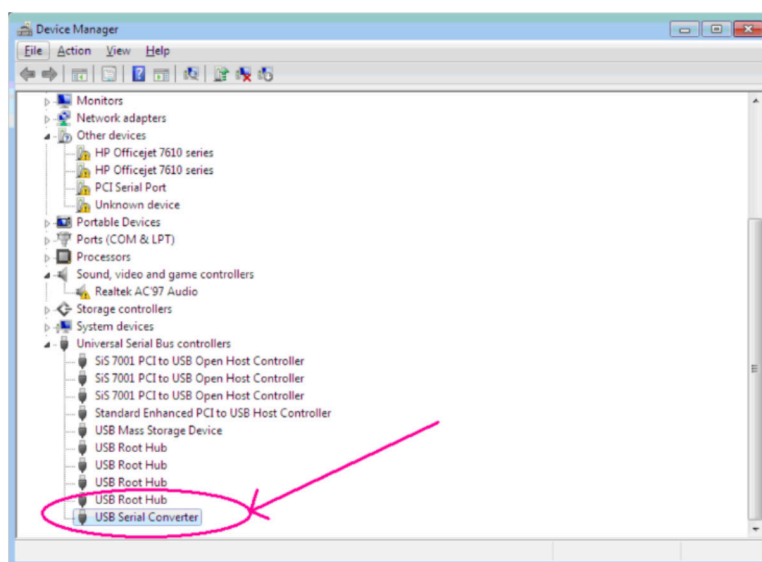
6. Now follow the instructions that appear on your TouchScreen when using the configuration apps.
Note: some pieces of equipment need to be put into programming mode before you update their configuration.

Appendix A

Plug the USB connector coming from the Universal Programmer into your PC.

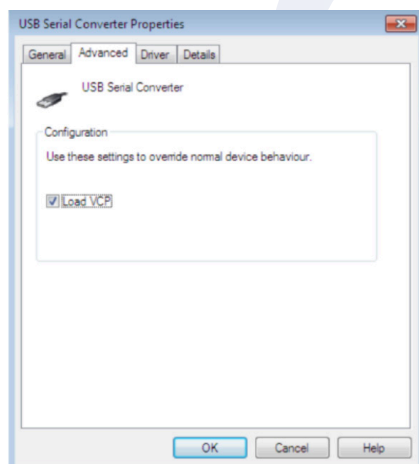
Open "Device Manager" (Control Panel \ Device Manager) and then expand "Universal Serial Bus controllers", and you will find a device called "USB Serial Converter".

Right Click on "USB Serial Converter" and Select "Properties"



The "USB Serial Converter Properties" window will appear.

From the tabs along the top, Click on "Advanced", tick the "Load VCP" option, then press "OK"



The Device Manager should now be closed.

Unplug the USB connector coming from the Universal Programmer into your PC, wait one second then plug it back in. Your TS will now assign the USB connection a Comport Number that you will use when using the configuration apps on your Touch Screen.

Appendix B

A Connect WEAR or O8 WNP requires no physical connection to the Universal Programmer to be configured.

However it must be placed either on the "Universal Programmer" or held within a few inches of the "Universal Programmer" for the "Universal Programmer" to be able to communicate to it.

During the configuring of your Connect WEAR or O8 WNP you must hold its red call button down continuously.



Process:

1. Open the "Wrist & Neck Pendant" app on your Touch Screen.
2. Select the COM Port your "Universal Programmer" has been assigned (Usually the only number offered above 4, e.g COM5).
3. Set up the configuration that you want for the "Connect WEAR or O8 WNP".
4. Press "Write to Programmer" to tell the Touch Screen to pass this information to the "Universal Programmer" (Wait until the green bar has completed).
5. Press and hold the red call button on the Connect WEAR or O8 WNP, and press the "Program Pendant" button on the "Wrist & Neck Pendant" app on your Touch Screen. The active light on the "Universal Programmer" will now start flashing indicating that it is broadcasting the data to the Connect WEAR or O8 WNP (Continues to flash for approx 17 seconds).
6. The Connect WEAR or O8 WNP will indicate that it has received and updated its configuration by turning its red LED on for a full second. Note step 5 may have to be carried out more than once for configuration to complete.

Note: after the Connect WEAR or O8 WNP has been updated it will put itself into deep sleep to conserve battery life, to wake it up for use, user must press and hold its red call button until its LED lights for one second, when this happens user must release the red button and quickly press it once, it is now ready use.