

---

## Application Note

Interfacing CorAccess Companion Muse Touchscreen to Comfort's Control Panel via UCM/Ethernet

---

### INTRODUCTION



This Application Note serves to show how CorAccess Companion Muse Screen can be used as interface for Comfort via **UCM/Ethernet**.

## INSTALLATION

1. Before connecting the UCM/Ethernet to Comfort, the ID on SW7 must be set according to the UCM ID table below. If there is only 1 UCM, the ID on the UCM/Ethernet must be set to 2. By convention, ID 1 is reserved for uploading and downloading from Comfort, and is not reported in cases of Communications Failure. Comfort supports a combination of 8 UCMs. For instance, another UCM can be used to connect to the Comfort Webserver Module (CWM).

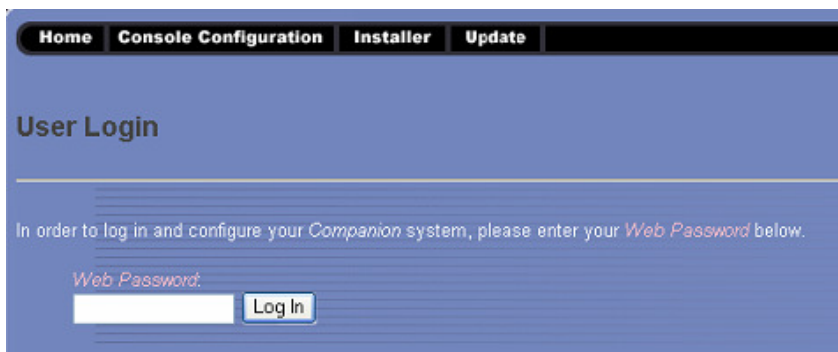
**Table 1: ID Settings**

ID	SW7-A	SW7-B	SW7-C
1	Short	Short	Short
2	Open	Short	Short
3	Short	Open	Short
4	Open	Open	Short
5	Short	Short	Open
6	Open	Short	Open
7	Short	Open	Open
8	Open	Open	Open

2. The UCM is connected to Comfort by means of 4 cables (shielded CAT5 recommended) from Comfort's 12V/Com/KA/KB. This supplies the power to the UCM, communications between the UCM and Comfort. Simply connect the 4 way cable to JP2/2A or connect the 12V/COM and KA/KB to JP3 and JP4 respectively.
3. The Green RDY LED on the UCM (D1) should be lit and remain steady, indicating power is supplied to the UCM. The LEDs D9 (red) and D10 (green) should blink rapidly, showing that RS485 is established between Comfort and the UCM. D9 (red) flashes to indicate that UCM is responding to a poll by Comfort. D10 (green) blinks to indicate that it is receiving a poll from Comfort.
4. Steps 5 to 6 illustrate how to configure the Muse to Comfort
5. For the Companion end, the Companion must be connected to a local wireless network, which is connected in turn to a DHCP enabled router.
6. The UCM/Ethernet must also be connected to the same local network as that of the Muse.

## CONFIGURING THE COMPANION

1. Ensure that a Companion touchscreen (C8/Sidekick) is running and set as a Master.
2. Power up the Companion Muse Touchscreen. After the screen has been initialised, click on the tools icon shown on the screen and note the screen IP address from the console info page.
3. Point your PC's browser to the screen IP address on the same network. You will then see a screen "Welcome to Companion Console". Click on "Console Configuration" which will bring up the following screen:



The screenshot shows a web interface with a dark blue header containing navigation tabs: Home, Console Configuration, Installer, and Update. Below the header, the main content area is light blue and features the heading "User Login". A horizontal line separates the heading from the login instructions: "In order to log in and configure your Companion system, please enter your Web Password below." Below this text is a label "Web Password:" followed by a white text input field and a blue "Log In" button.

4. Login using the password (default admin), which should bring up the Console Configuration page. Click "Installer Configuration" to continue. From the "Installer Configuration", select "Miscellaneous Network-Related Settings" and choose "Switch to Client Mode" with the Master address set as the IP of the C8/Sidekick.

**Note:** It is highly not recommended that you **DO NOT** set the Muse as a Master as the communications between wireless devices may be affected more readily due to signal strength as compared to wired communications.

5. Next, access the Master (i.e. the Sidekick/C8) and perform the settings as illustrated on the respective application notes (available from <http://www.cytech.biz/manuals.html> )



Document Title:	Companion Muse Application Note
Document Version:	1.0.4
Date Last Modified:	16 March 2007
Comfort Version:	Outside/Action 4.226 and above
UCX Version:	UCM01/Audio or UCX/Audio 5.80 and above