

# GDC64 Dual Tablet Interconnection Instructions

## Connecting to the HUD XMD076 weather receivers.

The GDC64 has a single RS232 serial port and should be used with the XMD076 Receiver

### General

This document is a guide to be used when installing an XMD076 weather receiver for use with two Tablet Computer's with GDC64's using *appropriate* software. Installed in this configuration, the two Tablet Computer's/GDC64's are able to manage/view the weather data independently.

After both Tablet Computer's/GDC64's have established communication with the XMD076, the loss of one side will not affect the other side.

### Connections (See Block Diagram)

XMD076 Pin 22 (RS232 TX) to Both GDC64's pin 34 (RS232 RX)

XMD076 Pin 4 (RS232 RX) to the Primary GDC64 Pin 38 (RS232 TX)

XMD076 Pin 23 (RS232 Ground) to both GDC64's Pin 20 (RS232 COM)

### Operation

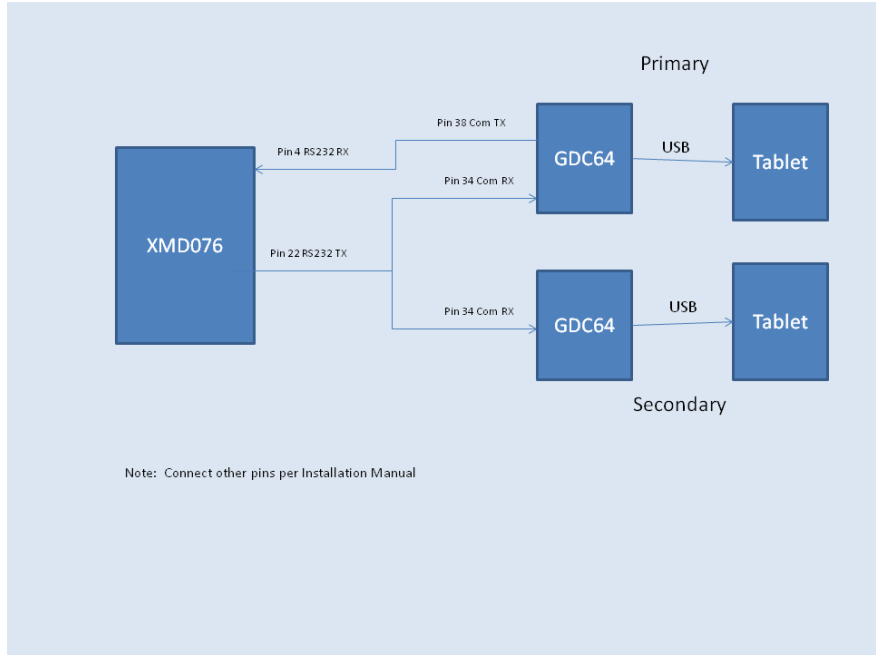
It is important to have the WX Receiver on before either iPad App is launched.

### Start Sequence

When starting the *Application* software, refer to the steps below:

**Step 1:** The *Application* software must be opened on the secondary Tablet Computer prior to the software on the primary Tablet Computer. This places the secondary Tablet Computer in a listening only mode.

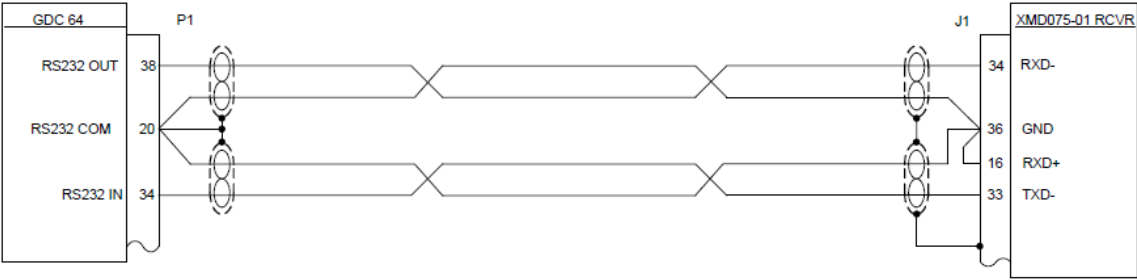
**Step 2:** Initiate the *Application* software on the primary Tablet Computer then both Tablet Computer's will start to receive weather.



**What if I have an XMD-075 receiver already installed?**

The XMD-075 outputs RS-422 which has different levels than the RS-232 output of the XMD-076.

In order to convert the RS-422 to RS-232 for connection to the GDC-64, use the following diagram.



GDC 64 to XMD075 Serial Connection