



Diagram A

Items Required:

1. SCD Server Pro (Zero 88)
2. Ethernet Switch 19" Rack mount
3. Ether n8.rdm
4. Ipad
5. Orb XF
6. Asus Wireless Router RT-N56U
4. Acer T232HL Touch Screen Monitor x 3
5. Ethernet Cable x 4 (2 meter)
6. 19" Rack ( Table Mount) x 1
7. Power Adaptor 6 way (mounted onto Rack) x1
8. Logitech Wireless Mouse
9. Logitech Wireless Keyboard

## Setup Procedure

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0. Setup the Equipment as Shown in Diagram A
  1. Do the above settings for the wireless Router, SCD Server Pro and ORB XF
  2. Disable the Remote on Both the SCD Server and ORB XF
  3. Turn ON SCD Server First and then turn ON ORB XF
  4. Once the Desks are in Sync or Connected
  5. Enable the remote in the ORB XF , it will automatically enable the remote in the SCD server Pro as it syncs
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## SCD Server Pro Settings

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### Art-net

Transmit Art-net : Yes  
Transmit Mode: Broadcast  
Light Converse Integration : No  
Device: 1  
Name : SCDSerPro  
Network Switch : 2  
Net : 0  
Subnet : 0  
Port 1 0 Desk Universe 1  
Port 2 1 Desk Universe 2  
Port 3 2 Desk Universe 3  
Port 4 3 Desk Universe 4

### Remote

Enable Remote: Yes  
Enable Security: Yes  
Password : zeros  
Use DHCP address: No  
IP address : 192.168.1.2  
Subnet Mask: 255.255.255.0

### Tracking Backup

Model: Backup  
Use DHCP Address: No  
IP address 192.168.1.20  
Subnet Mask: 255.255.255.0  
Master Desk : Manual Entry  
Master IP address: 192.168.1.10

### Device

Subnet : 0	Subnet : 0	Subnet: 0	Subnet: 0
Output 1 : 0	Output 3 : 2	Output 5 : 4	Output 7 : 6
Output 2 : 1	Output 4 : 3	Output 6 : 5	Output 7 : 7

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## Wireless Router Settings

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Router Model: Asus RT-N56U  
Router Login: admin  
Router Passsword: #04-76Ubi  
Router Address: 192.168.1.1  
Subnet Mask: 255.255.255.0  
Address available 192.168.1.2 to 192.168.1.254  
DHCP: Enabled  
SSID: LightingORBXF  
Password: 275 398 753 2  
Note : SSID and password  
is the same for 2.4GHz and 5.0GHz  
Authentication Type: WPA-2 Personal AES

## ORB XF Settings

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### Art-net

Transmit Art-net : Yes  
Transmit Mode: Broadcast  
Light Converse Integration : No  
Device: 1  
Name : ORB XF  
Network Switch : 2  
Net : 0  
Subnet : 0  
Port 1 0 Desk Universe 1  
Port 2 1 Desk Universe 2  
Port 3 2 Desk Universe 3  
Port 4 3 Desk Universe 4

### Remote

Enable Remote: Yes  
Enable Security: Yes  
Password : zeros  
Use DHCP address: No  
IP address : 192.168.1.2  
Subnet Mask: 255.255.255.0

### Tracking Backup

Model: Master  
Use DHCP Address: No  
IP address 192.168.1.10  
Subnet Mask: 255.255.255.0

### Device

Subnet : 0	Subnet : 0	Subnet: 0	Subnet: 0
Output 1 : 0	Output 3 : 2	Output 5 : 4	Output 7 : 6
Output 2 : 1	Output 4 : 3	Output 6 : 5	Output 7 : 7

#### IP Addresses

IP Addresses are a devices identity on an Ethernet network. The address indicates where the device is located and in combination with the Subnet Mask, indicates what the desk can see, and vice-versa. The number is made up from 4 blocks of data, between 0 and 255

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eg 192.168.0.1

#### Subnet Masks

The Subnet Mask indicates what a network device can see on the network - the standard subnet mask for an Ethernet network is 255.255.255.0, indicating that a device with an IP address of 192.168.0.1 can see any device whose IP starts with 192.168.0.x, but cannot see anything starting 192.168.1.x

#### DHCP

DHCP is a protocol used by Ethernet enabled devices to dynamically allocate an IP address to devices on the network. In order to use this system, a DHCP host must exist on the network. Some Ethernet Switches offer DHCP capabilities, as do Wireless Routers. It is important that you ensure that there is only ONE DHCP host on a network multiple DHCP hosts can cause malfunctioning of the system