DEXON USA
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DIMAX-Pro and DIVIP-Pro TCP control protocol – short version

To get started with this device, you must press the menu button on the front of the device and go to remote control -> IP Address to change the IP to the desired range. Be sure to disable DHCP in the settings for remote control if you are maintaining a static IP address.

For the modular frames, the port numbers will change depending on what section you create first. The first section will be reachable with a **TCP** connection on port **6464**, the second section will be reachable on **6468**, and so on depending on how many systems you create.

The value of (**n**) in the following commands will be a whole number only.

The default configuration of a system will have the password as blank when you log in. You can set a password, but you will then need to update your login command

DIMAX-Pro commands (refers Presentation Matrix or Matrix section type)

1. **Login – This is required for all TCP connections**

   ```
   <setup version="1" >
   <username>Administrator</username>
   <password></password>
   <needack>Yes</needack>
   </setup>
   ```

2. **Recall layout**

   `<recall_layout id="n" advance="{Yes|No}" needack="{Yes|No}"/>`

   Example: `<recall_layout id="1" advance="No" needack="No"/>`

3. **Switch Video** - command to specify switching of a single input to output

   `<video><connect input_id="n" output_id="n" channel="{PIP|Main}" /></video>`

   Example: `<video><connect input_id="1" output_id="6" channel="Main" /></video>`

4. **Switch Audio**

   `<audio><connect input_id="n" output_id="n"/></audio>`

   Example: `<audio><connect input_id="1" output_id="2"/></audio>`

5. **Transition Type** - Change from cut to dissolve transition type (applies to Presentation Matrix section and not Matrix Section type since matrix section type is assigned to outputs with no scaling)

   `<config_misc needack="Yes"> <transition duration="n">{Cut|Fade}</transition></config_misc>`

   Example: `<config_misc needack="No"><transition duration="1">Cut</transition></config_misc>`

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DIVIP-Pro commands (refers to Video Processor section type)

1. **Login- This is required for all TCP connections**

```
 <setup version="1" >
<username>Administrator</username>
<password></password>
<needack>Yes</needack>
</setup>
```

2. **Recall layout**

   <recall_layout id="n" advance="{Yes|No}" needack="{Yes|No}"/>

   Example: <recall_layout id="1" advance="No" needack="No"/>

3. **Switch Audio**

   <audio><connect input_id="n" output_id="n"/> </audio>

   Example: <audio><connect input_id="n" output_id="n"/></audio>