

INTRODUCTION

Picturall Mark II TCP/IP quick start guide

v1.0



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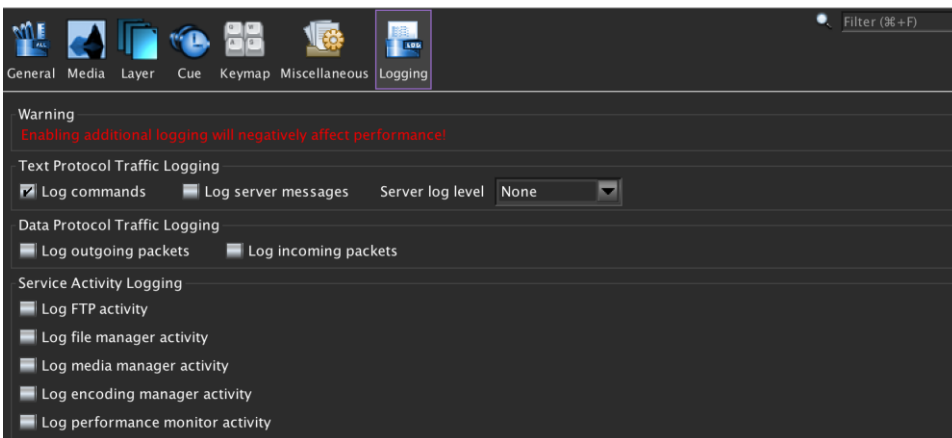
Picturall Mark II TCP/IP quick start guide

This document describes few basic commands to control Picturall Mark II products with third party controllers via TCP/IP. Details on server connection can be found on Picturall Mark II user manuals.

Communication with Picturall Mark II media servers works through TCP/IP based telnet-like connection. Client starts communication by connecting to server IP address and port 11000. You can then send commands to the server. For example, you can telnet 10.0.0.1 11000 on the command line on a Windows or a Mac computer. Command is executed in the server when line feed is received.

Finding out sent commands from Picturall Commander

The user interface of Picturall Mark II media servers is called Picturall Commander. It uses same TCP/IP commands for controlling server than 3rd parties do. You can check the sent commands from Picturall Commander and copy-paste them to your control system. First you need to make sure you have correct settings. Go to **Edit -> Options -> Logging** and make sure you have **Log commands** checked.



After this select **View -> Commander log**

Now when you do any changes in Commander the sent commands will be copied to the Commander Log after 5 to 10 seconds. In this example the value of layer 6 intensity was changed.

```

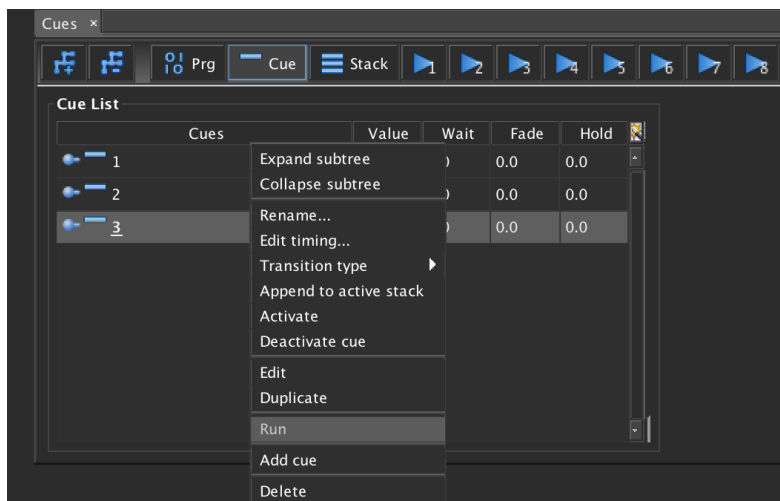
Cues  Logs - Commander Log  x
2018-03-20 18:34:37.609 INFO [TXTOUT]: 9452.6596 10.1.1.101:11000 --> set layer6 composition intensity=1.0
2018-03-20 18:34:37.767 INFO [TXTOUT]: 9452.7378 10.1.1.101:11000 --> set layer6 composition intensity=0.995
2018-03-20 18:34:37.784 INFO [TXTOUT]: 9452.7545 10.1.1.101:11000 --> set layer6 composition intensity=0.955
2018-03-20 18:34:37.801 INFO [TXTOUT]: 9452.7715 10.1.1.101:11000 --> set layer6 composition intensity=0.905
2018-03-20 18:34:37.832 INFO [TXTOUT]: 9452.8030 10.1.1.101:11000 --> set layer6 composition intensity=0.815
2018-03-20 18:34:37.855 INFO [TXTOUT]: 9452.8259 10.1.1.101:11000 --> set layer6 composition intensity=0.775
2018-03-20 18:34:37.873 INFO [TXTOUT]: 9452.8437 10.1.1.101:11000 --> set layer6 composition intensity=0.755
2018-03-20 18:34:37.894 INFO [TXTOUT]: 9452.8644 10.1.1.101:11000 --> set layer6 composition intensity=0.75
2018-03-20 18:34:37.909 INFO [TXTOUT]: 9452.8799 10.1.1.101:11000 --> set layer6 composition intensity=0.745
2018-03-20 18:34:37.949 INFO [TXTOUT]: 9452.9201 10.1.1.101:11000 --> set layer6 composition intensity=0.765
2018-03-20 18:34:37.967 INFO [TXTOUT]: 9452.9375 10.1.1.101:11000 --> set layer6 composition intensity=0.8
2018-03-20 18:34:37.989 INFO [TXTOUT]: 9452.9597 10.1.1.101:11000 --> set layer6 composition intensity=0.87
2018-03-20 18:34:38.006 INFO [TXTOUT]: 9452.9763 10.1.1.101:11000 --> set layer6 composition intensity=0.895
2018-03-20 18:34:38.022 INFO [TXTOUT]: 9452.9922 10.1.1.101:11000 --> set layer6 composition intensity=0.91
2018-03-20 18:34:38.040 INFO [TXTOUT]: 9453.0197 10.1.1.101:11000 --> set layer6 composition intensity=0.92
2018-03-20 18:34:38.084 INFO [TXTOUT]: 9453.0544 10.1.1.101:11000 --> set layer6 composition intensity=0.915
2018-03-20 18:34:38.104 INFO [TXTOUT]: 9453.0743 10.1.1.101:11000 --> set layer6 composition intensity=0.9
2018-03-20 18:34:38.125 INFO [TXTOUT]: 9453.0956 10.1.1.101:11000 --> set layer6 composition intensity=0.885
2018-03-20 18:34:38.140 INFO [TXTOUT]: 9453.1106 10.1.1.101:11000 --> set layer6 composition intensity=0.88
2018-03-20 18:34:38.157 INFO [TXTOUT]: 9453.1275 10.1.1.101:11000 --> set layer6 composition intensity=0.875
  
```

Basic commands for cue handling

Here are few basic commands you need in controlling cues in Picturall Mark II server.

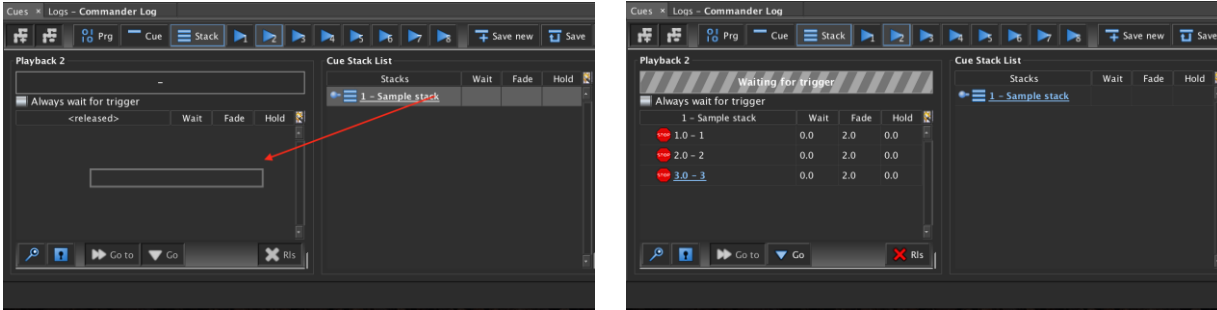
Run cue

You can run single cue in Picturall Mark II server with command **cue x** where x is the number of the cue. For example command **cue 3** will execute cue number 3. Same would be done in Picturall Commander by right clicking a cue and selecting **run**.



Put cue stack to playback

The action we are performing is illustrated in two photos below:



We are putting the cue stack number one into playback two. This will not lead into any action yet since no cue is triggered. The command for this is

set stack2 select cue_stack=1,major=0,minor=0

The playback 2 is called stack2 in the command line. Yes, it's confusing, but fixing this would break the backwards compatibility so we have to live with it. If you want to execute a certain cue in the cue stack you can for example call

set stack2 select cue_stack=1,major=3,minor=0

This will insert the cue stack one to playback 2 and execute the cue that has position 3.0 in the cue stack.

You can execute the playback 2 go button press with command

set stack2 control command=1

Power on and power off Picturall Mark II media server

Picturall Mark II media servers can be powered on by standard wake-on-lan protocol. Server MAC address can be found in web configuration tool by typing server IP address to your browser.

Powering off the server can be done by following command

poweroff



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