

piXap

piXtimer Pro

Remote Control Protocol v1.0.03

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Changes

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TABLE OF CONTENTS

Minimum version	3
piXtimer Pro remote control	4
piXtimer Pro protocol specification	5
piXtimer Pro remote commands	6
piXtimer Pro web access start	11
piXtimer Pro web clock access	12

piXtimer Pro

Minimum version

piXtimer pro 1.5.2

piXtimer Pro

Remote Control Protocol

piXtimer Pro remote control

General

The user can remotely control piXtimer pro via a telnet connection to the computer IP address.

To access piXtimer Pro remote commands, use the following procedure:

1. In a command prompt window, type a telnet command in the following format:
telnet nnn.nnn.nnn.nnn 9756
where the n's represent the unit IP address and 9756 is the port.
2. Press **Enter**
3. At the command prompt, type a specific piXtimer Pro remote control command and press Enter.

piXtimer Pro protocol specification

Specification

The following description is the default protocol specification. Changes to this specification are outlined in the protocol command below.

piXtimer Pro will respond with a 'KC>' prompt when the command processor is ready for a command.

The command syntax is shown below

`cmd arg1 arg2<CR>`

cmd: cmd is any valid controller command, typically 3 to 5 alphabetic (non numeric) characters in capital.

arg: arg1, arg2 are required or optional parameters depending on the command used.

<CR>: Carriage return (ASCII 13) terminates the command .

All commands must be terminated with a carriage return (ASCII 13). The carriage return will tell the command processor to begin execution of the command. From hereafter, when we refer to a command, we will assume that a <CR> is always present at the end of the command line even though it's not explicitly written out.

piXtimer Pro remote commands

PRESET TIMER

- Recall a timer preset :

Command Format: PST x

X is number of preset.

Examples :

PST 1

(Recall preset 1)

PST 10

(Recall preset 10)

- Timer Play

Timer start.

Command Format: PST PLAY

Examples :

PST PLAY

- Timer Pause

Timer pause.

Command Format: PST BREAK

Examples :

PST BREAK

- Timer Stop

Timer stop.

Command Format: PST STOP

Examples :

PST STOP

PRESET SESSION TIMER

- Timer Session Play
Timer session start.
Command Format: PSTS PLAY

Examples :

PSTS PLAY
- Timer Session Pause
Timer session pause.
Command Format: PSTS BREAK

Examples :

PSTS BREAK
- Timer Session Stop
Timer session stop.
Command Format: PSTS STOP

Examples :

PSTS STOP

PRESET ALL TIMER

- Timer All Play
Timer all start.
Command Format: PSTA PLAY

Examples :

PSTA PLAY
- Timer All Pause
Timer all pause.
Command Format: PSTA BREAK

Examples :

PSTA BREAK
- Timer All Stop
Timer all stop.
Command Format: PSTA STOP

Examples :

PSTA STOP

PRESET MESSAGE

- Recall a message preset :

Command Format: PSTM x

X is number of preset message.

Examples :

PSTM 1

(Recall preset message 1)

PSTM 10

(Recall preset message 10)

- Show Message

Message show.

Command Format: PSTM SHOW

Examples :

PST SHOW

- Hide Message

Message hide.

Command Format: PSTM HIDE

Examples :

PST HIDE

Countdown Video

- Countdown video and play:

Command Format: CTD hh:mm:ss PLAY

hh is hour, mm is minutes, ss is seconds.

Examples :

CTD 00:05:30 PLAY

(Send 5 minutes and 30 seconds and play)

- Countdown video:

Command Format: CTD hh:mm:ss

hh is hour, mm is minutes, ss is seconds.

Examples :

CTD 00:05:30

(Send 5 minutes and 30 seconds, waits for the action)

- Countdown video Play:

Command Format: CTD PLAY

Examples :

CTD PLAY

(Play countdown video action)

- Countdown video Stop:

Command Format: CTD STOP

Examples :

CTD STOP

(Stop countdown video action)

BlackOut

- Black show :

Command Format: BLACK SHOW

Examples :

BLACK SHOW

- Black hide

Command Format: BLACK HIDE

Examples :

BLACK HIDE

piXtimer Pro web access start

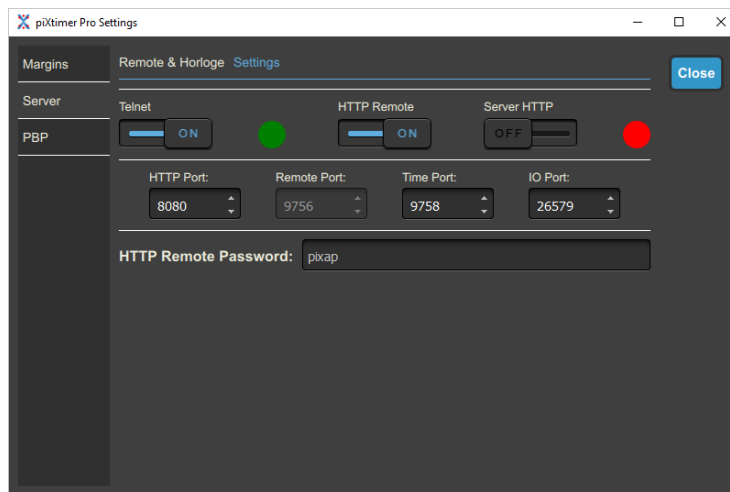
Start web server

In piXtimer pro open settings window.

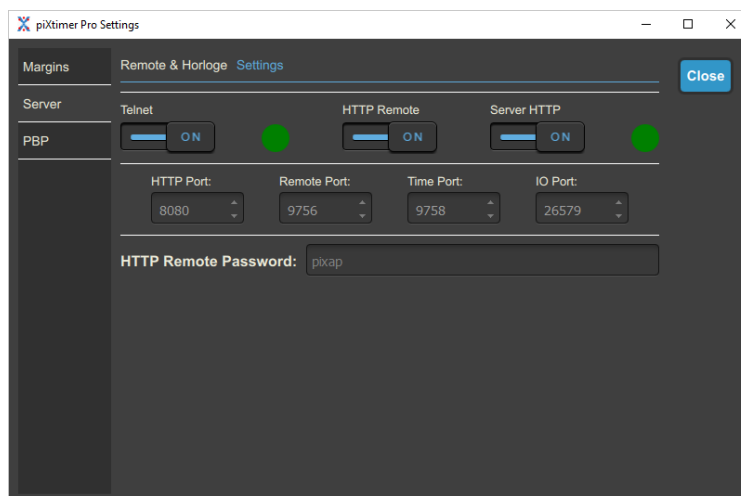


Change the password if you want, and start HTTP server.

By default, the HTTP server is not started



HTTP server is started



piXtimer Pro web clock access

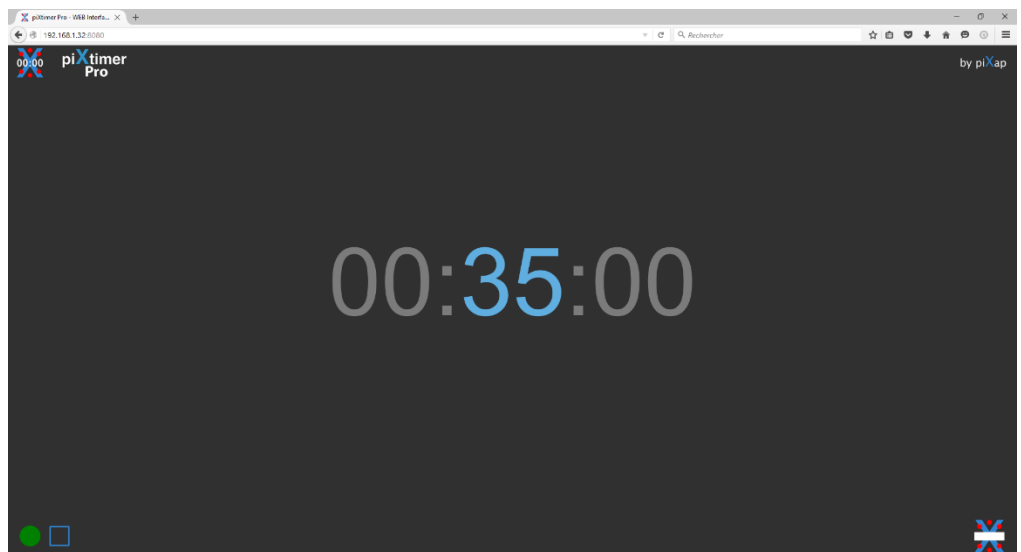
Web browser

To access clock you need a web browser.

Then into your web browser, please enter directly the IP address at port 8080 of the computer into the address bar of your browser:

Examples :

192.168.0.100 :8080



Web remote

To access to remote, click on the remote icon at the bottom right of the clock page.

