



Robe Ethernet Access Portal (REAP)

ROBE®

Status

Personality

Logs

Discovery

Settings

Device status

DMX/RDM settings

DMX address1

DMX presetMode 1 (40 channels)

DMX inputwired

IP address2.247.92.33

MAC address00:0d:19:06:5c:21

RDM UID52:53:01:26:00:21

RDM labelTX1

Device times

Power on time225h / 222h

LEDs on time666h / 0h

Air filters280h / 300h

total / resetable

Device temperatures

LEDs board top28°C / 94°C / 94°C

LEDs board bottom24°C / 96°C / 96°C

Base33°C / 49°C / 49°C

Red/Amber leds23.1°C / 79°C / 79°C

Green/Yellow leds23.1°C / 79°C / 79°C

Blue led23.1°C / 79°C / 79°C

current / maximum / resetable

Wireless state

State

Signal strength

not installed

Software versions

Display System1.3

Module M1.6

Module L11.1

Module L21.5

Module L31.1

Module L41.5

Module O1.5

Module F-A1.4

Module F-B1.2

Status messages



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USER MANUAL

Robe Ethernet Access Portal (REAP)

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1. Connecting and setting computer and fixtures

1.1 Settings on computer

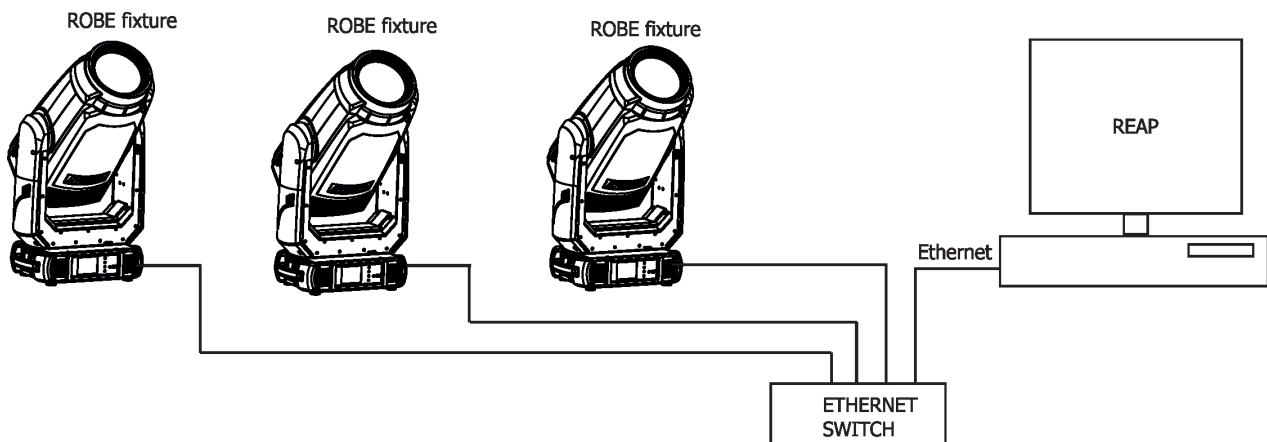
Your computer needs to be connected to the fixtures through the means of Ethernet wired network and a network switch. The computer needs to have configured network settings in order to be able to communicate with the fixtures through the network.

To do this, refer to the manual of your computer how TCP/IP network settings should be done. Set up manual IP address of your computer. The Ethernet network connection (Local LAN) typically needs to be set to 2.x.x.x address, for example 2.0.0.10, assuming that no other computer on the network contains such an address while keeping all ROBE fixtures in default IP settings. Netmask of the computer should be 255.0.0.0

1.2 Settings on fixtures

Typically, make sure to use the default 2.x.x.x IP address as provided.

There is no need to set the fixture into Art-Net mode, the menu "**Addressing - Ethernet Settings - Ethernet Mode**" can be in any settings.



2. REAP menu screens

Type the IP address of the ROBE fixture to your web browser, e.g. <http://2.247.92.33>, enter the user name: **robe** and the password: **2479**, the first menu screen of the ROBE fixture will appear.

Note: screens of the Robin TX1 are shown in the text below as examples. Options in each screen can be slightly different for different ROBE devices (DMX modes, light sources...) .

2.1 Status screen

The screen gives you a fast overview of fixture settings.

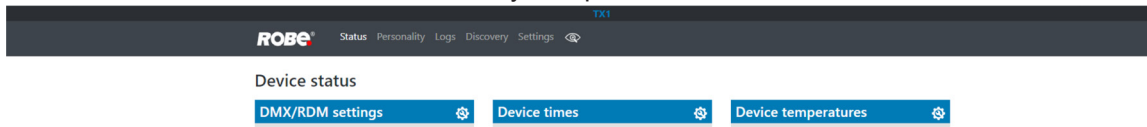
The screenshot shows the 'Status' screen of a ROBE TX1 fixture accessed via a web browser. The browser address bar shows '2.247.92.33/#'. The page has a dark header with the ROBE logo and navigation links: Status, Personality, Logs, Discovery, Settings. The main content area is titled 'Device status' and contains several panels:

- DMX/RDM settings**: DMX address 1, DMX preset Mode 1 (40 channels), DMX input wired, IP address 2.247.92.33, MAC address 00:0d:19:06:5c:21, RDM UID 52:53:01:26:00:21, RDM label TX1.
- Device times**: Power on time 225h / 222h, LEDs on time 666h / 0h, Air filters 280h / 300h (total / resetable).
- Device temperatures**: LEDs board top 28°C / 94°C / 94°C, LEDs board bottom 24°C / 96°C / 96°C, Base 33°C / 49°C / 49°C, Red/Amber leds 23.1°C / 79°C / 79°C, Green/Yellow leds 23.1°C / 79°C / 79°C, Blue led 23.1°C / 79°C / 79°C (current / maximum / resetable).
- Wireless state**: State not installed, Signal strength ...
- Software versions**: Display System 1.3, Module M 1.6, Module L1 1.1, Module L2 1.5, Module L3 1.1, Module L4 1.5, Module O 1.5, Module F-A 1.4, Module F-B 1.2.

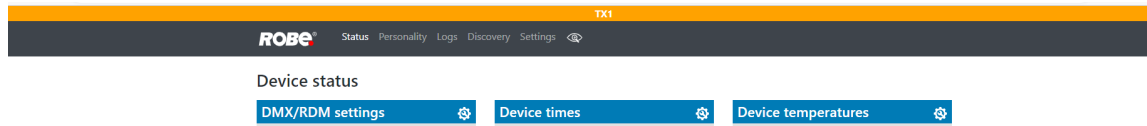
At the bottom, there is a 'Status messages' section.

The background colour of the top raw of the screen with the name and RDM label of the fixture denotes state of the fixture.

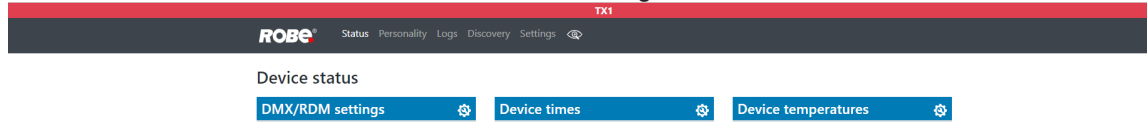
Fixture is ready for operation



Fixture does not communicate with computer



Fixture with error messages



The icon  allows you to change some values in a corresponding table.

Table "DMX/RDM settings"


DMX/RDM settings
✕

DMX address

DMX preset

DMX input

RDM label

Table "Reset timers"


Reset timers
✕

Table "Wireless settings"


Wireless settings
✕

Table "Reset temperatures"


Reset temperatures
✕

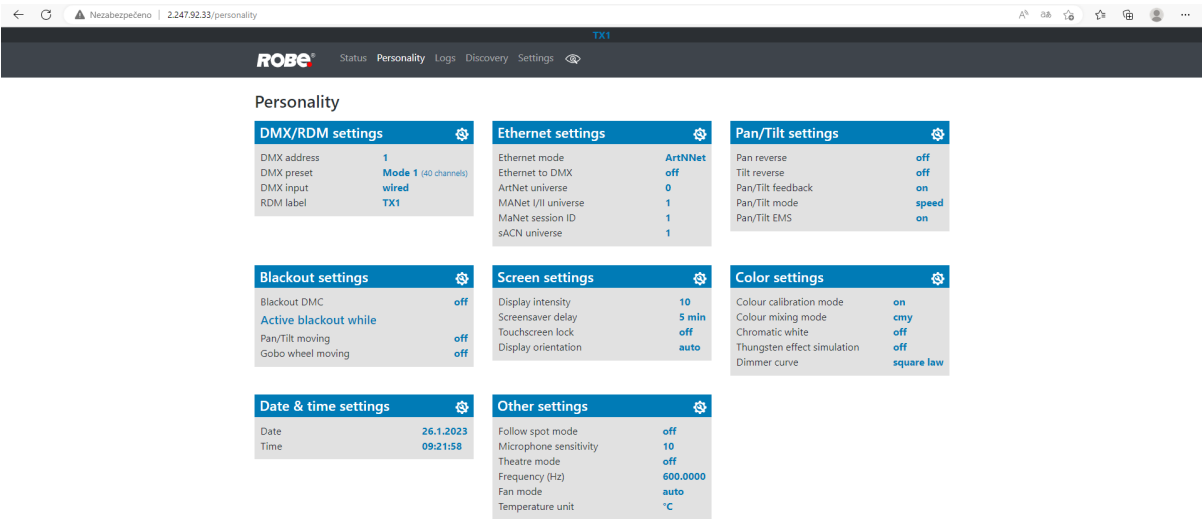
Table "Software versions" shows current versions of fixture's modules.

Software versions	
Display System	1.3
Module M	1.6
Module L1	1.1
Module L2	1.5
Module L3	1.1
Module L4	1.5
Module O	1.5
Module F-A	1.4
Module F-B	1.2

Table "Status messages" shows error messages occurred during fixture reset and operation.
Example:

Status messages
Blue 7 short error
Green 2 short error

2.2 Personality screen



The screen allows you to change fixture settings by clicking on the icon  in a corresponding table.

Table "DMX/RDM settings"

 DMX/RDM settings 

DMX address

DMX preset

Mode 1

DMX input

wired

RDM label

Save

Table "Ethernet settings"

 Ethernet settings 

Ethernet mode

☐ disable ☒ ArtNet ☐ gMA1 ☐ gMA2 ☐ sACN

Ethernet to DMX

☒ off ☐ on

ArtNet universe

MANet I/II universe

MANet session ID

sACN universe

Table "Pan/Tilt settings"

 Pan/Tilt settings 

Pan reverse

☒ off ☐ on

Tilt reverse

☒ off ☐ on

Pan/Tilt feedback

☐ off ☒ on

Pan/Tilt Mode

☒ speed ☐ time

Pan/Tilt EMS

☐ off ☒ on

Save

Table "Blackout settings"

 Blackout settings 

Blackout DMC

☒ off ☐ on

Active blackout while

Pan/Tilt moving

☒ off ☐ on

Gobo wheel moving

☒ off ☐ on

Table "Screen settings"

 Screen settings 

Display intensity

10

Screensaver delay

5 min

Touchscreen lock

off

Display orientation
☐ normal ☐ inverted ☒ auto

Save

Table "Color settings"

 Color settings 

Colour calibration mode
☐ off ☒ on

Colour mixing mode
☐ rgb ☒ cmy

Chromatic white
☒ off ☐ on

Thungsten effect simulation
☒ off ☐ 750 W ☐ 1000 W ☐ 1200 W ☐ 2000 W ☐ 2500 W

Dimmer curve
☐ linear ☒ square law

Save

Table "Date & time settings"

 Date & time settings 

Day

26

Month

1

Year

2023

Hour

09

Minute

27

Second

33

Use local date & time

Save

Table "Other settings"

 Other settings 

Follow spot mode

off

Microphone sensitivity

10

Theatre mode
☒ off ☐ quiet

Frequency setup (Hz)
☐ 300 ☒ 600 ☐ 1200 ☐ 2400

Frequency Adjust
600.0000 Hz

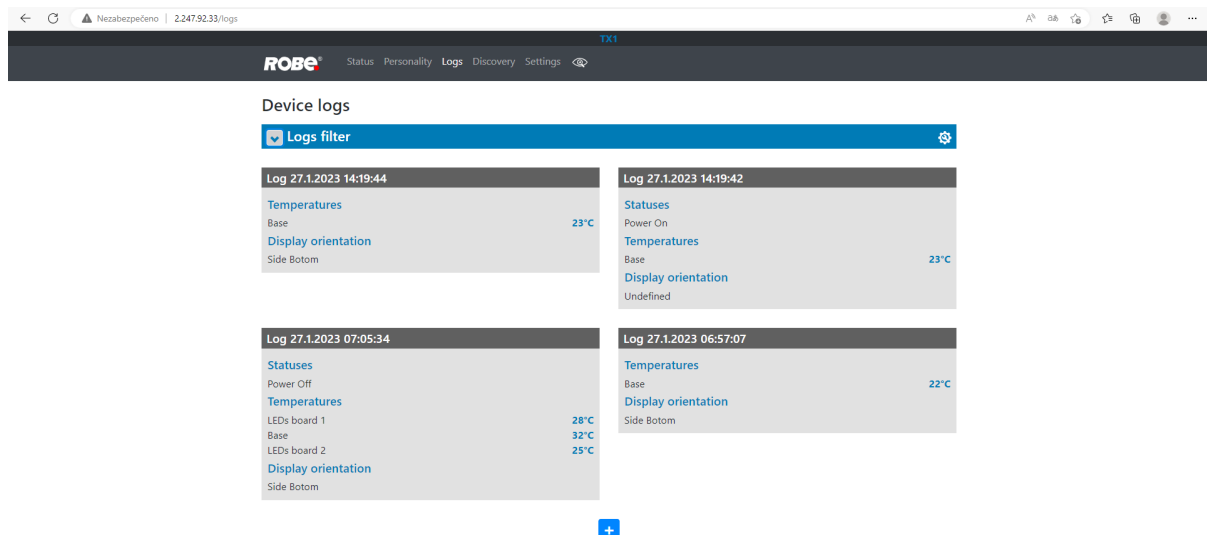
Fan mode
☒ auto ☐ high

Temperature unit
☒ °C ☐ °F

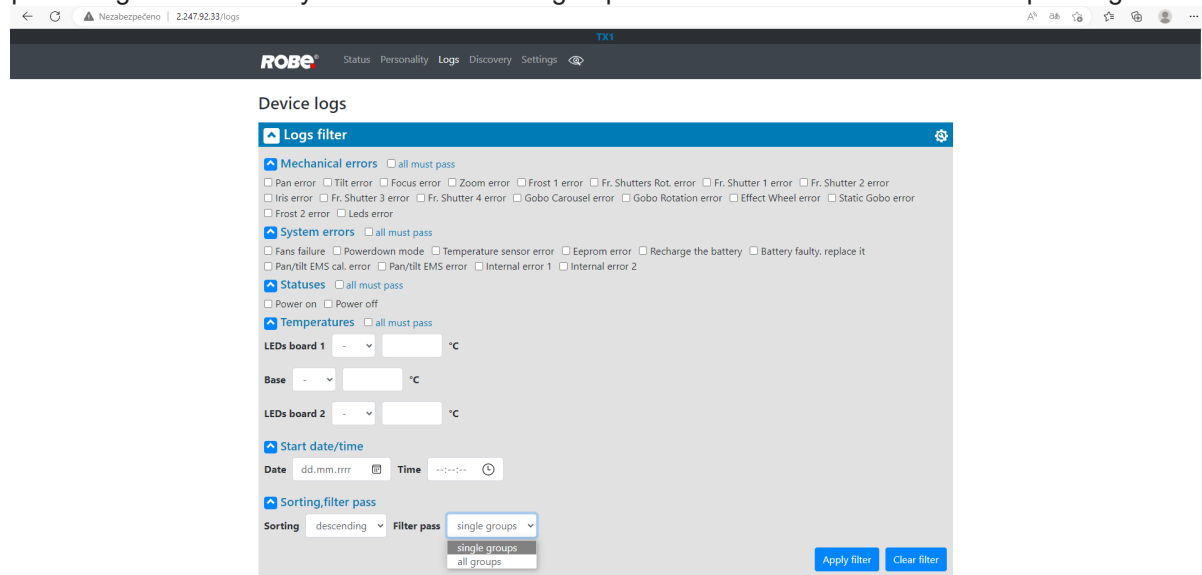
Save

2.3 Logs screen

The screen displays operating information of the fixture which have been saved.



The option "Logs filter" allows you to select desired group of recorded errors and recorded operating values.

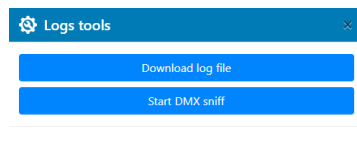


If the option "all must pass" is checked, only logs which contain all selected errors will be displayed.

Menu "Sorting filter pass" --> option "single groups" means that logs which contain at least one selected error will be displayed.

Menu "Sorting, filter pass" option "all groups" means that logs which contain all selected error will be displayed.

he icon  affers you two options:

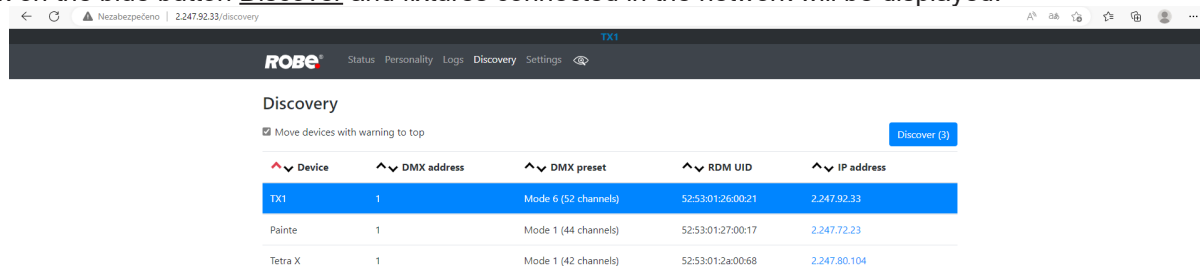


"Download log file" - the option allows you to download the log file to computer, name of the log file is: file-abcd.log, where abcd is a fixture ID (e.g. file-015e.log).

"Start DMX sniff" - the option starts saving comming DMX values to the file, the file name is DMX_sniffer.log).

2.4 Discovery screen

If you have two and more fixtures, the option Discovery allows you to show all connected fixtures in the network. Click on the blue button **Discover** and fixtures connected in the network will be displayed.



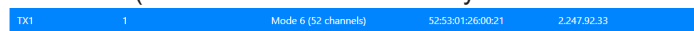
The screenshot shows the ROBE Discovery screen with a table of discovered fixtures. The table has five columns: Device, DMX address, DMX preset, RDM UID, and IP address. The first row (TX1) is highlighted in blue, indicating it is a server fixture. The other two rows (Painte and Tetra X) are white, indicating they are ready for operation.

Device	DMX address	DMX preset	RDM UID	IP address
TX1	1	Mode 6 (52 channels)	52-53:01:26:00:21	2.247.92.33
Painte	1	Mode 1 (44 channels)	52-53:01:27:00:17	2.247.72.23
Tetra X	1	Mode 1 (42 channels)	52-53:01:2a:00:68	2.247.80.104

The background colour in the device row denotes state of the fixture.

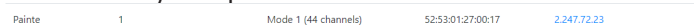
Examples:

Blue colour indicates "server fixture" (fixture of which IP address you have written to your WEB browser).



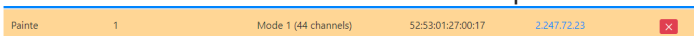
TX1	1	Mode 6 (52 channels)	52-53:01:26:00:21	2.247.92.33
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White colour indicates that fixture ready for operation.



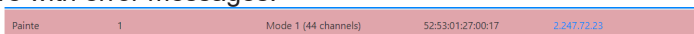
Painte	1	Mode 1 (44 channels)	52-53:01:27:00:17	2.247.72.23
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Yellow colour indicates fixture which does not communicate with computer or "server fixture".



Painte	1	Mode 1 (44 channels)	52-53:01:27:00:17	2.247.72.23
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Red colour indicates fixture with error messages.



Painte	1	Mode 1 (44 channels)	52-53:01:27:00:17	2.247.72.23
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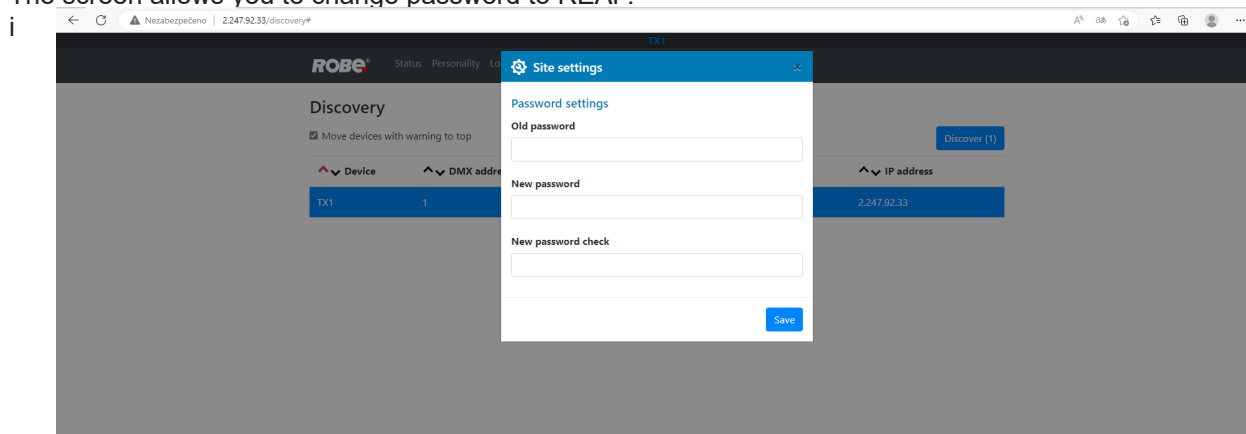
If the option "Move devices with warning to top" is checked, fixtures with some error will be displayed on the top of fixture list.

Icons  allows you to order values in the column in descending or ascending order.

Note: The values of the fixture in the first blue row ("server fixture") will not be included into ordering.

2.5 Settings screen

The screen allows you to change password to REAP.



2.6 Identification icon

The icon  serves for identification of the fixture in a group of fixtures. After clicking on the icon, the fixture's head will start to move or the fixture will start to light (if the fixture does not have moving head).



3. ChangeLog

This section summarizes changes in the user manual.

Version of the manual	Date of issue	Description of changes
1.1	27/02/2023	DMX sniff added

March 27, 2023

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