



# Robe Ethernet Access Portal (REAP)

ROBE® Status Personality Logs Discovery Settings

### Device status

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 / resettable

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 / resettable

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

### Status messages



## USER MANUAL

# Robe Ethernet Access Portal (REAP)

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# 1. Connecting and setting computer and fixtures

## 1.1 Settings on computer

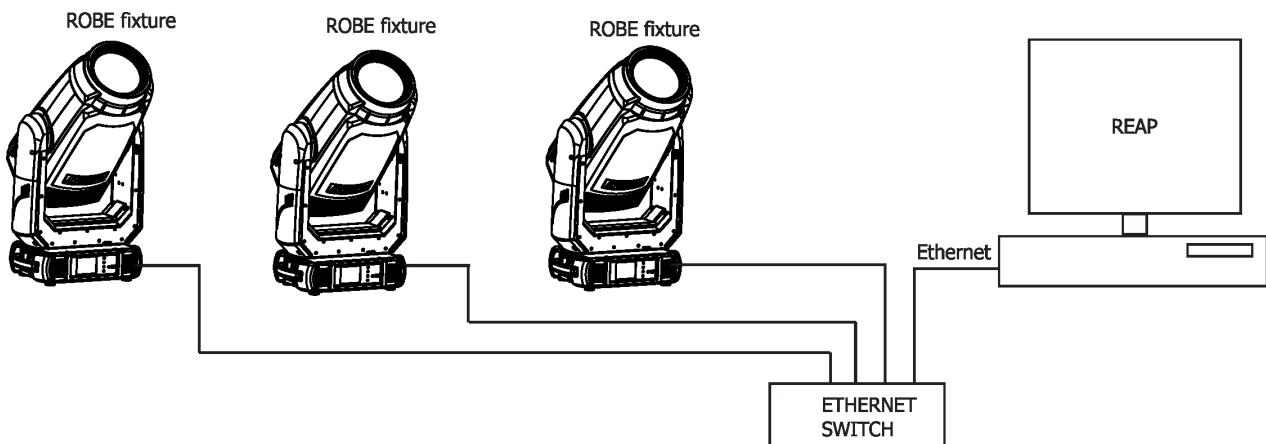
Your computer needs to be connected to the fixtures through the means of Ethernet wired network and a network switch. The computer needs to have configured network settings in order to be able to communicate with the fixtures through the network.

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.



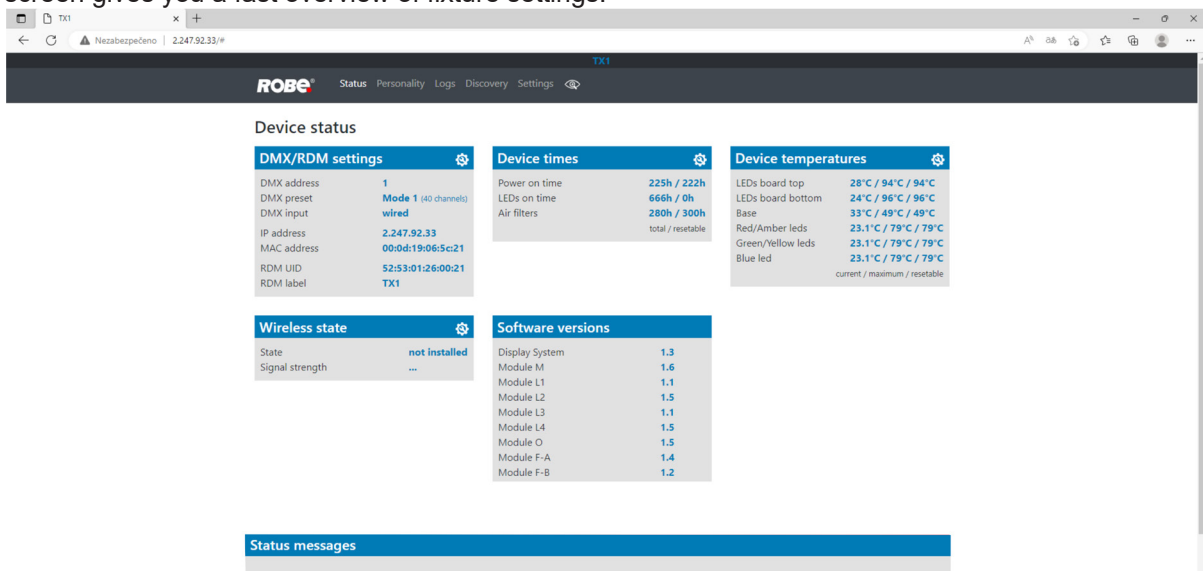
## 2. REAP menu screens

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.

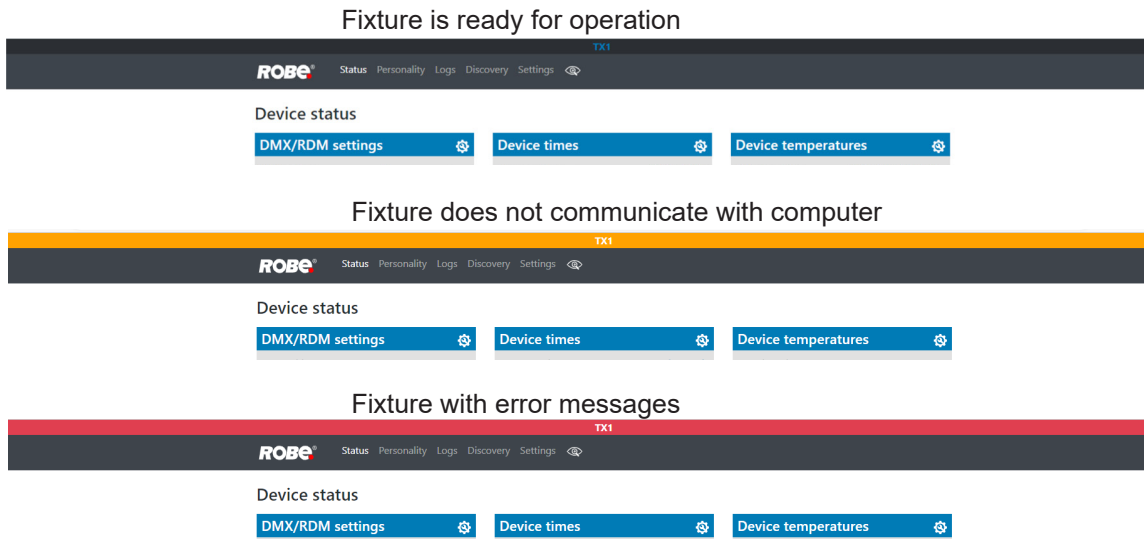
Note: screens of the Robin TX1 are shown in the text below as examples. Options in each screen can be slightly different for different ROBE devices (DMX modes, light sources...).

### 2.1 Status screen

The screen gives you a fast overview of fixture settings.



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





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

Table "DMX/RDM settings"

 DMX/RDM settings
✕

**DMX address**

**DMX preset**

Mode 1
▾

**DMX input**

wired
▾

**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	<b>1.3</b>
Module M	<b>1.6</b>
Module L1	<b>1.1</b>
Module L2	<b>1.5</b>
Module L3	<b>1.1</b>
Module L4	<b>1.5</b>
Module O	<b>1.5</b>
Module F-A	<b>1.4</b>
Module F-B	<b>1.2</b>

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 screenshot shows the ROBE Personality screen with the following settings tables:

DMX/RDM settings	
DMX address	1
DMX preset	Mode 1 (40 channels)
DMX input	wired
RDM label	TX1

Ethernet settings	
Ethernet mode	ArtNet
Ethernet to DMX	off
ArtNet universe	0
MANet I/II universe	1
MANet session ID	1
sACN universe	1

Pan/Tilt settings	
Pan reverse	off
Tilt reverse	off
Pan/Tilt feedback	on
Pan/Tilt mode	speed
Pan/Tilt EMS	on

Blackout settings	
Blackout DMC	off
Active blackout while	off
Pan/Tilt moving	off
Gobo wheel moving	off

Screen settings	
Display intensity	10
Screensaver delay	5 min
Touchscreen lock	off
Display orientation	auto


Color settings	
Colour calibration mode	on
Colour mixing mode	cmv
Chromatic white	off
Thungsten effect simulation	off
Dimmer curve	square law

Date & time settings	
Date	26.1.2023
Time	09:21:58

Other settings	
Follow spot mode	off
Microphone sensitivity	10
Theatre mode	off
Frequency (Hz)	600.0000
Fan mode	auto
Temperature unit	°C

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**

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

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

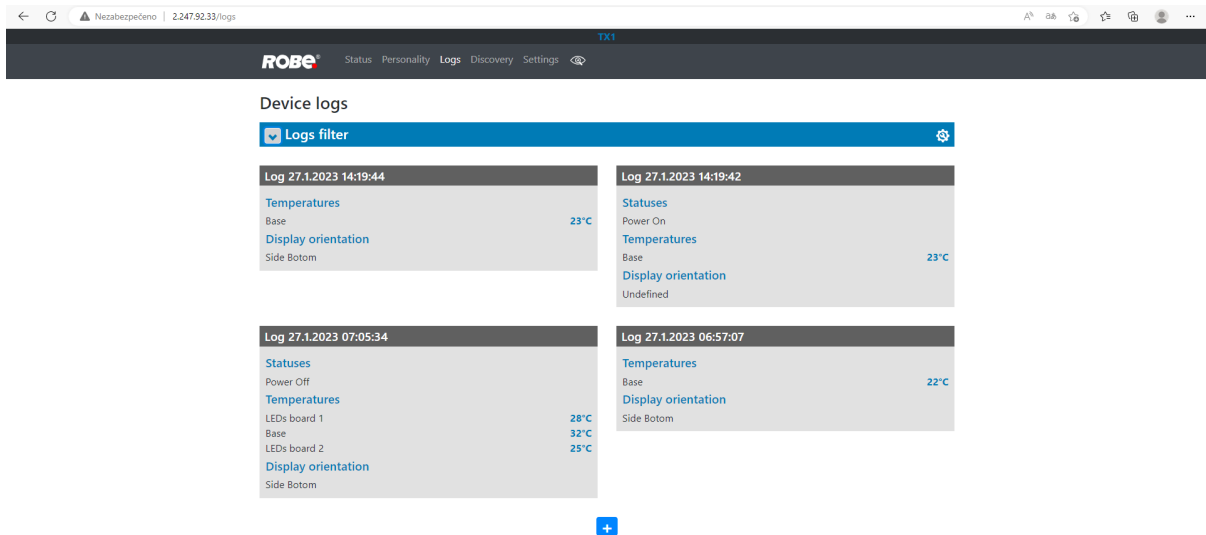
**Fan mode**  
 auto  high

**Temperature unit**  
 °C  °F

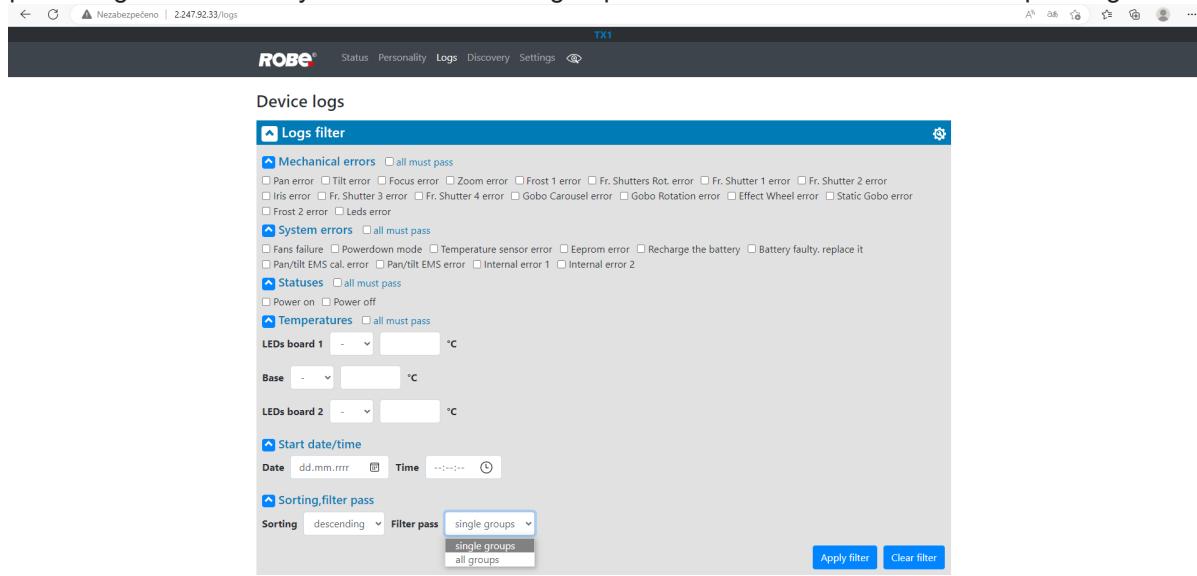
Save

## 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.

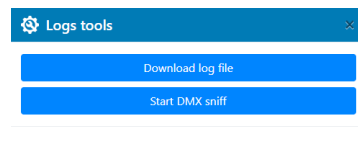


If the option "all must pass" is checked, only logs which contain all selected errors will be displayed.

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  offers you two options:

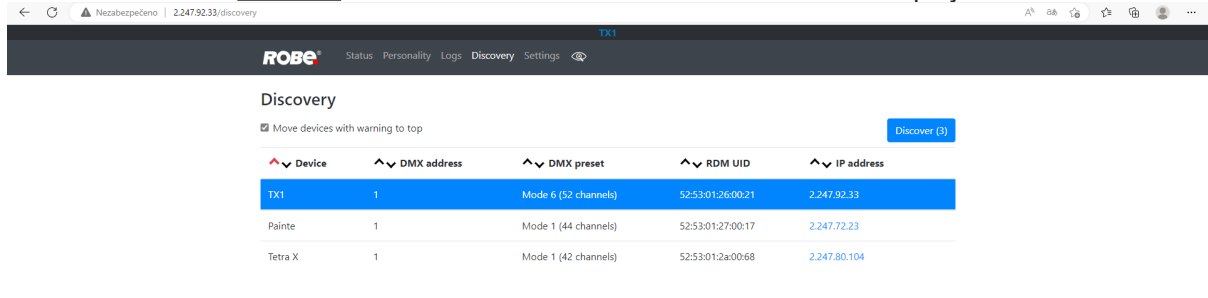


"Download log file" - the option allows you to download the log file to computer, name of the log file is: file-abcd.log, where abcd is a fixture ID (e.g. file-015e.log).

"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 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
-----	---	----------------------	-------------------	-------------

White colour indicates that fixture ready for operation.

Painte	1	Mode 1 (44 channels)	52:53:01:27:00:17	2.247.72.23
--------	---	----------------------	-------------------	-------------



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
--------	---	----------------------	-------------------	-------------

Red colour indicates fixture with error messages.

Painte	1	Mode 1 (44 channels)	52:53:01:27:00:17	2.247.72.23
--------	---	----------------------	-------------------	-------------

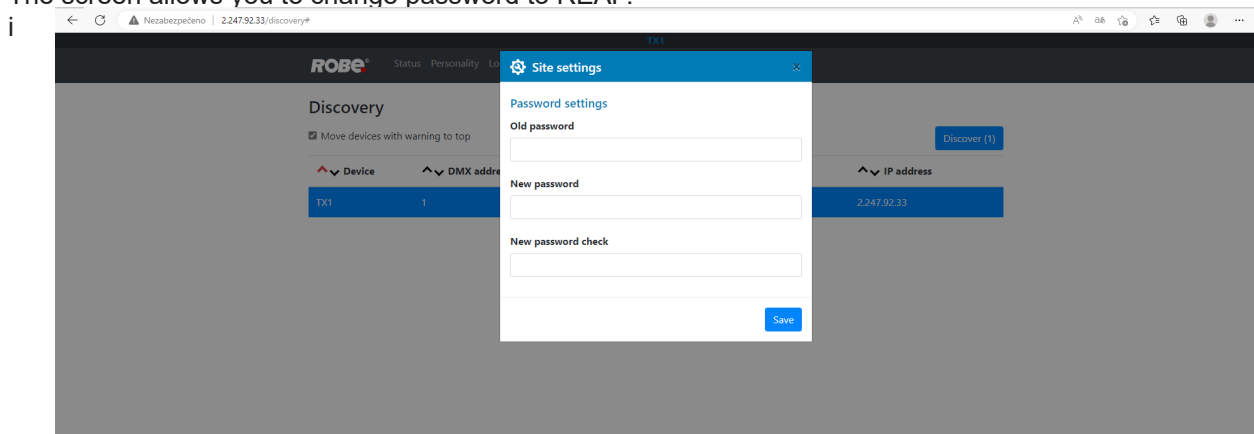
If the option "Move devices with warning to top" is checked, fixtures with some error will be displayed on the top of fixture list.

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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