



## TFA 35.8002.01 Projection Alarm Clock with WIFI User Guide

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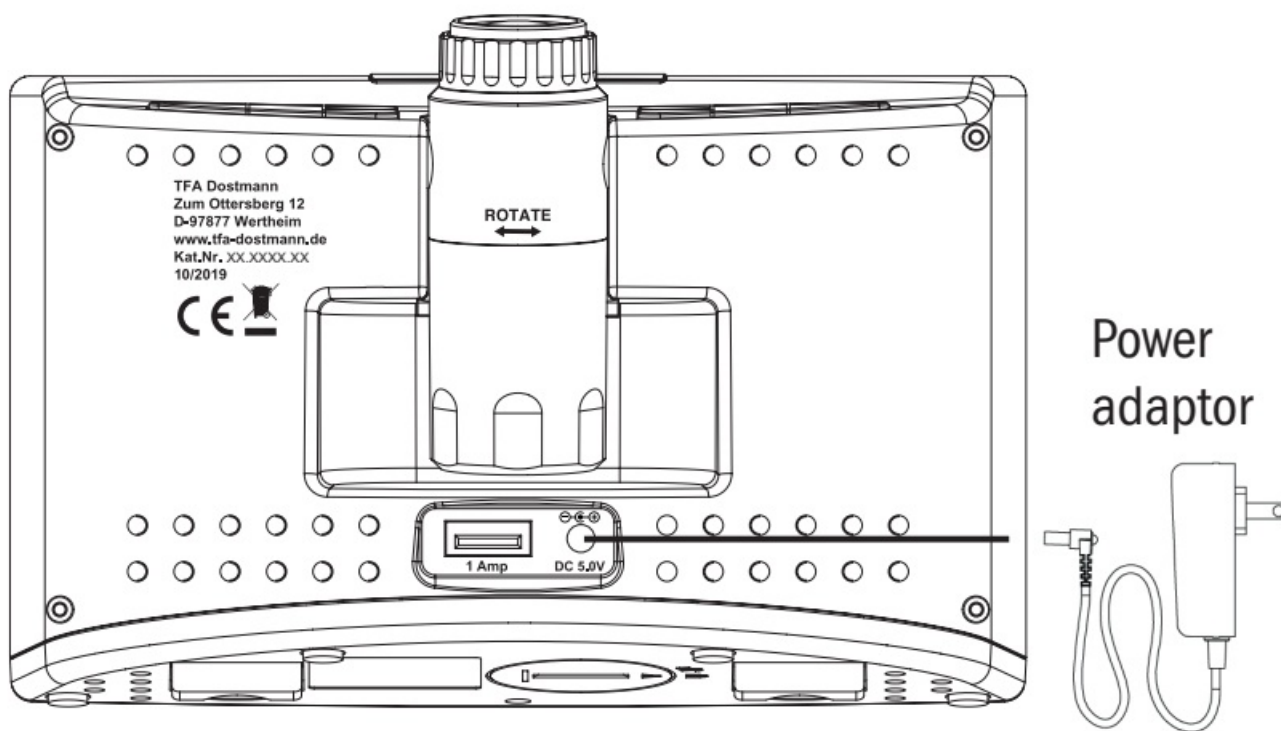
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**TFA 35.8002.01 Projection Alarm Clock with WIFI**

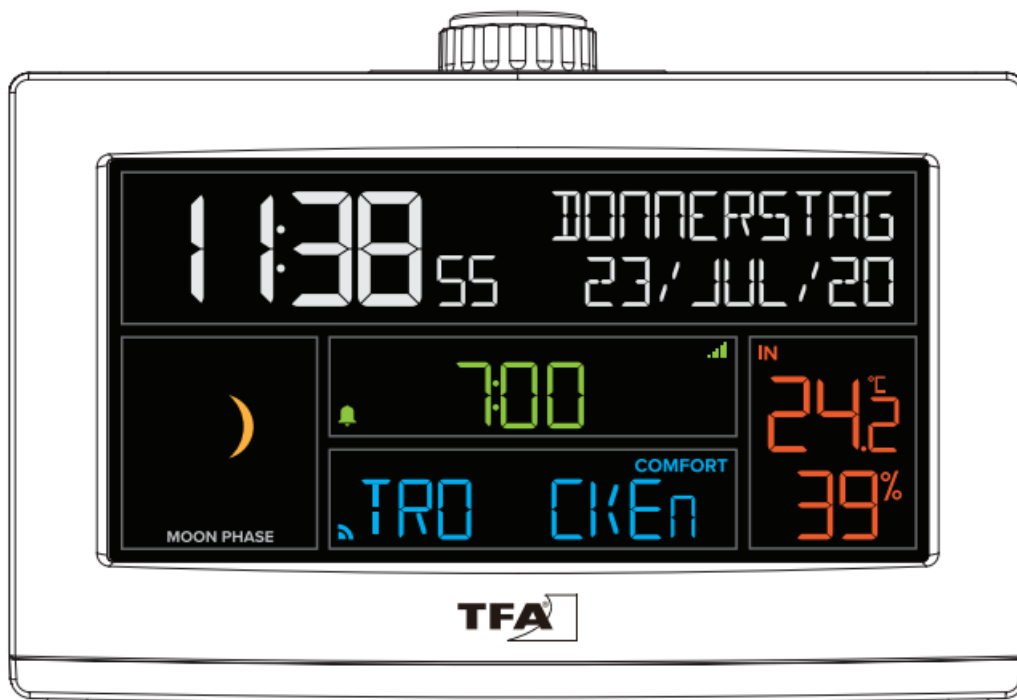


**Power up the projection alarm clock**



### **Operation as projection alarm clock without Internet connection**

When you set up the projection alarm clock for the first time, the default alarm time, comfort level and moon phase are displayed.



Display without Internet connection

### Power up the projection alarm clock

- Connect the attached power adapter to the projection alarm clock.
- Remove the battery insulation strip at the bottom of the projection alarm clock.

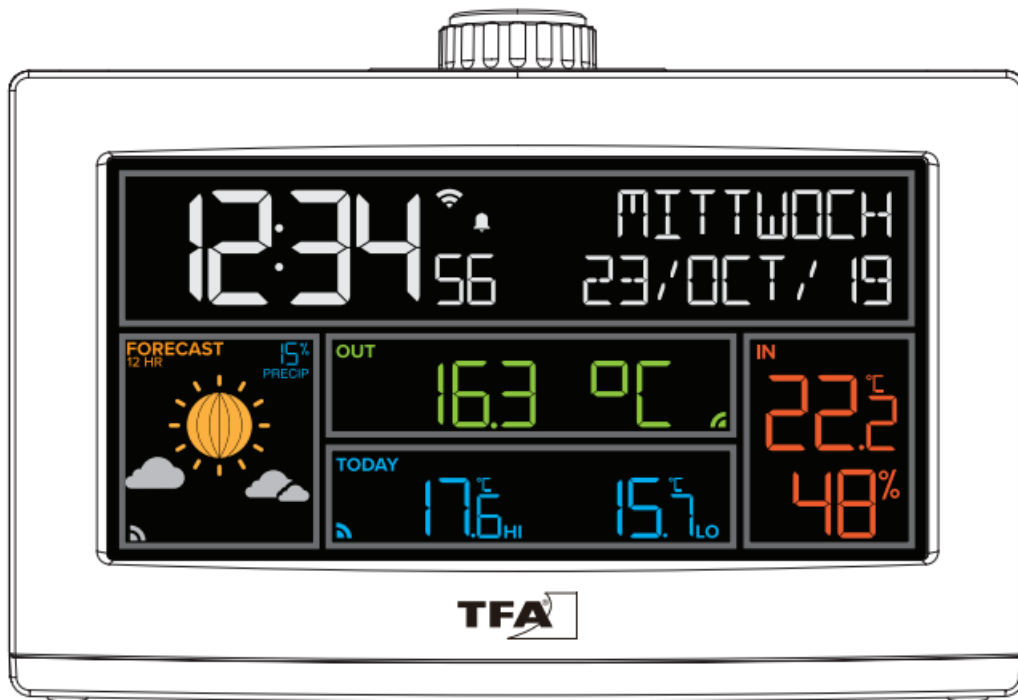
### USB charging function

Plug a suitable USB cable into the USB port on the alarm clock and connect the other end to your mobile device. Make sure that the charging rate (1 Amp) is suitable for your mobile device.

**Important!** The charging function only works with the power adapter.

### Operation as projection alarm clock with Internet connection

Once you have connected the projection alarm clock to the app and the internet, the display will change and you will see the extended display.

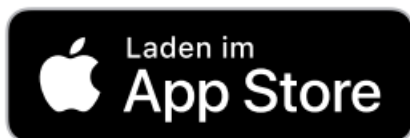


Display with Internet connection

## Connect the projection alarm clock to the Internet and the TFA VIEW App

### Download


Download the free TFA VIEW App from the “Apple App Store” or “Google Play Store”.



### Launch software

- Open the TFA VIEW App and follow the on-screen instructions.
- After you have created an account and started the app, select „Devices“ in the menu. There you can add, remove or sort compatible VIEW devices. You can add transmitters or stations with the „Add device“ button in the iOS app or the blue „+“ button in the Android app (see page 7).
- Now follow the instructions and steps exactly as given by the app.

### Get your projection alarm clock ready

Ensure your projection alarm clock Wi-Fi symbol is flashing.  If it is not, press and hold the + and SET button at the same time until the symbol begins flashing. Your alarm clock is now ready to connect to the Internet and the TFA VIEW App.

### Having trouble connecting to the Wi-Fi?

First make sure that your mobile device on which you have installed the VIEW App is connected to the 2.4 GHz network of your Wi-Fi router and that you have entered the correct password for your Wi-Fi. For details on how to connect to your router's 2.4 GHz network, refer to your router documentation. For more troubleshooting tips and

support visit: [www.tfa-dostmann.de/en/service/frequently-asked-questions/](http://www.tfa-dostmann.de/en/service/frequently-asked-questions/)

**Note:** Transmitters that were already linked to the VIEW station before the connection are suggested as additional devices in the notification area of the app after a few minutes in order to add them in the app. Only if a transmitter is added later (or was not automatically detected during the connection), select the device management „Devices“ in the app menu. There you can scan and add individual transmitters. They will be received by the VIEW station and forwarded to the server/app.

#### Legal information:

Google Play and the Google Play logo are trademarks of Google LLC. App Store and the Apple logo are trademarks of Apple Inc.

#### Overview of the functions of your VIEW projection alarm clock with and without Internet connection

Function	Standalone	Connected
Adjustable projection	✓	✓
Adjustable snooze interval	✓	✓
Alarm setting via TFA VIEW App		✓
Nap-Timer	✓	✓
Room climate (temperature + humidity)	✓	✓
Indication of the comfort level (Dry – wet – OK)	✓	
12 – hour forecast (forecast values from weather service)		✓
Display of the regional outdoor temperature		✓
Moon phase	✓	
Automatic time and calendar setting via Internet		✓
Forecast of the highest and lowest values, outdoor temperature		✓
Propability of precipitation in %		✓
Possibility to retrieve further transmitters	✓	✓
Additional weather information and personalized messages		P
Retrieval of measured values via TFA VIEW app		P

#### Basic settings without Internet functions

## Setting mode

- Press and hold the SET button for 3 seconds to enter the setting mode.
- Press + or – button to make the desired setting.
- Confirm with the SET button and go to the next setting

**Important!** Press the SNOOZE/LIGHT button to quit the setting mode at any time.

**Sequence of setting mode:** Key tone on/off > 12/24 hours mode > hours > minutes > year > month > day > temperature setting °C/°F

**Important!** If you have connected the projection alarm clock to the app and the Internet, the time and date are set automatically

## Forecast values

If the projection alarm clock is connected to the app and the Internet, the TFA View SHOW offers you additional weather forecast values free of charge and without additional subscription. This function includes the following forecast values that can be shown on the display:

## Important display symbols



### • Wi-Fi symbol

Flashes when the projection alarm clock is ready to connect to the Wi-Fi, the Internet and the app, and is static when the projection alarm clock is connected.



### • Internet – symbol

Is shown in certain areas of the display and indicates when measured or predicted values are received from the Internet.



### • Batterie – symbol

Is displayed individually for the projection alarm clock and the connected transmitters (optional) and indicates when the battery in the projection alarm clock (backup battery) or the corresponding transmitter need to be changed.



### • Transmitter symbol

Tells you the reception strength of the connection between the transmitters (optional) and the projection alarm clock. The symbol flashes when the projection alarm clock is in transmitter search mode.




### • Alarm symbol

Indicates that a wake-up alarm is on.

## Alarm settings

1. Press and hold the ALARM button and the hour indicator will be flashing.
2. Press the + or – button to adjust the hours.
3. Press the ALARM button again and you can adjust the minutes with the + or – button.
4. Press the ALARM button again. You can now set the snooze interval in steps of 5 minutes.
5. Press the ALARM button again. The settings are now saved and the alarm is activated.

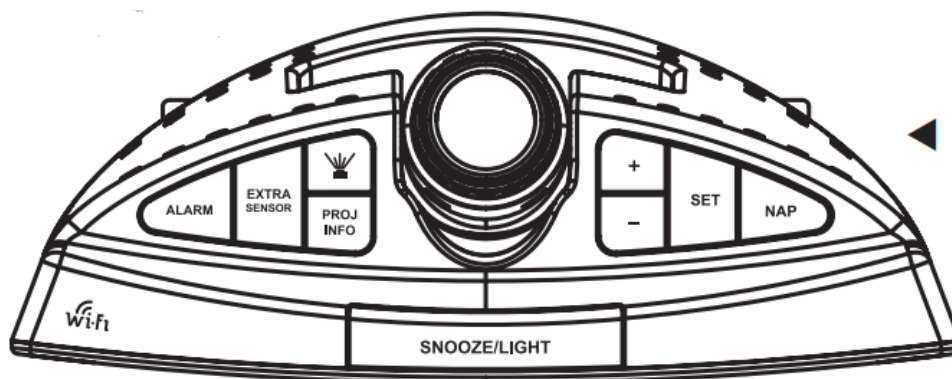
### Activate and deactivate the alarm

Press the ALARM button to show the alarm time. Press the ALARM button to activate or deactivate the alarm. If the alarm is activated the alarm symbol  will appear on the display. When the alarm is sounding, press any button (except SNOOZE/LIGHT) to stop the alarm. The alarm remains active.

### Snooze function

When the alarm is ringing, press the SNOOZE/LIGHT button and the snooze function with the adjusted interval will be activated. The time display counts down until the next alarm. Press any button (except SNOOZE/LIGHT) to stop the snooze function.

### Buttons and their functions



◀ Buttons on the top

<b>ALARM</b>	Press briefly to activate/deactivate the alarm function. Press and hold to set the alarm time.
<b>EXTRA Sensor</b>	Press briefly to select optional transmitters. Press and hold to add optional transmitters.
	Press briefly to adjust the brightness of the projection.
<b>PROJ INFO</b>	Press briefly to adjust the setting options of the projection. Press and hold to set an automatic change of the projection display.
<b>+ or –</b>	Press + or – button to make the desired settings.
<b>+ and SET</b>	Press and hold the + and <b>SET</b> buttons together to look for the Wi-Fi signal.
<b>SET</b>	Press and hold the button to enter the setting mode. Press the button briefly to display the Wi-Fi status.
<b>NAP</b>	Press the button briefly to activate the nap function, press and hold the button to set the duration of the nap function.
<b>SNOOZE/LIGHT</b>	Press the button to adjust the brightness of the display. Press and hold the button to adjust the auto dimming mode.
<b>ALARM + NAP</b>	Press and hold both buttons to reset your device to factory settings.

## Add transmitters

Whether you choose to connect to the Internet and the TFA View app or not, the alarm clock has the ability to display data for up to 4 transmitters.

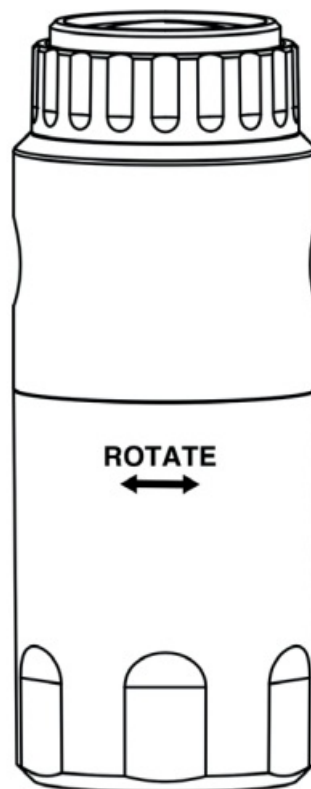
For a complete list of all compatible stations and transmitters, please visit [www.tfa-dostmann.de/view/](http://www.tfa-dostmann.de/view/)

### Connect additional transmitters to your station:

1. Press and hold the EXTRA SENSOR button until the transmitter symbol is flashing.
2. Insert the batteries in the transmitter you wish to add. If the transmitter has a TX button, press it to force a transmission signal.
3. Your transmitter should connect within the next 3 minutes, briefly displaying its ID and type. The transmitter symbol changes from flashing back to static display.
4. Press the EXTRA SENSOR button to switch between the displays of each transmitter.
5. To add more transmitters or devices to the TFA VIEW App, go to the App menu in the section Add / Change then tap on Device and then tap on Add Device. Finally, please scan the code of the new transmitter or device.

**Important!** When first powering up, or after a factory restart, transmitters which have already been activated are automatically connected to the base station.

## Projection options



**Projection arm**

### Select projection

Press briefly the PROJ INFO button to toggle between the following displays:

- Current time /standard)
- Indoor temperature and humidity



- Current outdoor temperature (must be connected to Wi-Fi)
- Display of additional transmitters (only if an additional transmitter is connected to the projection alarm clock)


### Projection angle

Set the projection arm to the respective position.

### Rotation of the projection

Rotate the bottom of the projection arm to customize the the rotation angle of your projected image up to 270°

### Brightness of the projection

Press the button  briefly to adjust the brightness of the projection.

## Specifications

### Base station

- Measuring range – temperature: 0°C ... +50°C (+32°F ... +99.9°F)
- Measuring range – humidity:: 10% ... 99% RH
- Precision: Temperature ( $\pm 1^\circ$ ), humidity ( $\pm 5\%$ )
- Power supply: Power adapter (included), backup batteries (1x CR2032, included)
- USB charging socket on the rear: Output current max. 1 A
- Input power adapter: 100-240 V~, 50/60 Hz, 0.5A Max
- Output power adapter: 5 V , 1.5A, 7.5W
- Average active efficiency:  $\geq 76.65\%$
- No-load power consumption:  $\leq 0.1$  W
- Transmission frequency: 868 MHz
- Maximum radio-frequency power: < 25mW
- Transmission range : 100m (open field)

### Wi-Fi requirements

- Wi-Fi transmission frequency : 2.4 GHz (802.11 b/g/n)
- Network name / network password: Must not exceed 45 characters
- Network speed: Minimum 1 Mbit/s

**Important!** If you have a multi-band router (e.g. 2.4 & 5 GHz), make sure your mobile device is connected to the 2.4 GHz network if you want to connect base station and app.

### Requirements for your mobile device (smartphone or tablet)

- Apple devices require at least iOS 9 or higher and Internet access via Wi-Fi or mobile data.
- Android devices require at least OS 5.0 or higher and Internet access via Wi-Fi or mobile data.

## Service & Support

If you unexpectedly have problems with your station or the TFA VIEW App or if you would like to find out more about TFA Dostmann products, you will find all information and help directly on the following Internet pages:

- TFA Dostmann customer service: [www.tfa-dostmann.de/en/service/](http://www.tfa-dostmann.de/en/service/)
- Information about TFA Dostmann and other products: [www.tfa-dostmann.de/en/](http://www.tfa-dostmann.de/en/)

## **Important notes**

### **Delivery contents**

Projection alarm clock, power adapter for projection alarm clock, operating instructions, backup battery (1x CR 2032)

### **Before you use this product**

Please make sure you read the quick setup guide carefully. Following and respecting the instructions in your manual will prevent damage to your instrument and loss of your statutory rights arising from defects due to incorrect use. We shall not be liable for any damage occurring as a result of non-following of these instructions. Likewise, we take no responsibility for any incorrect readings or for any consequences resulting from them. Please pay particular attention to the safety notices! Please keep this instruction manual safe for future reference.

### **For your safety**

This product should only be used as described within these instructions. Unauthorized repairs, alterations or changes to the products are prohibited.

### **Caution! Risk of electrocution!**

- Plug the base station only into a mains socket installed within your country's electrical safety regulations and with a correct mains voltage (see nameplate).
- The mains socket must be located near the equipment and it must be easily accessible.
- Unplug the device immediately if any fault occurs.
- The base station and the power adapter must not come into contact with water or moisture. Only suitable for indoor use.
- Do not use the device if the housing or the power adapter are damaged.
- Operate the device out of reach of persons (including children) who cannot fully appreciate the potential risks of handling electrical equipment.
- Only use the supplied power adapter.
- Route the mains cable so it does not come into contact with sharp-edged or hot objects.

### **! Important information on product safety!**

- Do not expose the devices to extreme temperatures, vibrations or shocks. Protect from moisture!
- Clean the devices with a soft damp cloth. Do not use solvents or scouring agents.
- Remove the batteries from all devices if you do not use the products for a long period of time.
- Store the devices in a dry place.

### **Caution! Risk of injury:**

- Keep these devices and the batteries out of reach of children.
- Batteries contain harmful acids and may be hazardous if swallowed. If a battery is swallowed, this can lead to serious internal burns and death within two hours. If you suspect a battery could have been swallowed or otherwise caught in the body, seek medical help immediately.

- Batteries must not be thrown into a fire, short-circuited, taken apart or recharged. Risk of explosion!
- Low batteries should be changed as soon as possible to prevent damage caused by leaking. Never use a combination of old and new batteries together, nor batteries of different types.
- Remove the batteries if the device will not be used for an extended period of time.
- Wear chemical-resistant protective gloves and safety glasses when handling leaking batteries.

## Disposal

This product has been manufactured using high-grade materials and components which can be recycled and reused.

- Never dispose of empty batteries and rechargeable batteries with ordinary household waste. As a consumer, you are required by law to take them to your retail store or to an appropriate collection site depending on national or local regulations in order to protect the environment. The symbols for the contained heavy metals are: Cd = cadmium, Hg = mercury, Pb = lead
- This product is labelled in accordance with the EU Waste Electrical and Electronic Equipment Directive (WEEE). Please do not dispose of this product in ordinary household waste. As a consumer, you are required to take end-of-life devices to a designated collection point for the disposal of electrical and electronic equipment, in order to ensure environmentally-compatible disposal.

Hereby, TFA Dostmann declares that the radio equipment type 35.8002.01 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: [www.tfa-dostmann.de/service/downloads/ce](http://www.tfa-dostmann.de/service/downloads/ce) TFA Dostmann GmbH & Co.KG, Zum Ottersberg 12, 97877 Wertheim, Germany Commercial registration number: Reg. Gericht Mannheim HRA 570186 No part of this manual may be reproduced without written consent of TFA Dostmann. The technical data are correct at the time of going to print and may change without prior notice. For more information and a detailed description, go to [www.tfa-dostmann.de/view/](http://www.tfa-dostmann.de/view/).


## Thank you for choosing this instrument from TFA.

Before you use this product: Please make sure you read the instruction manual carefully.





The instruction manual is enclosed with the device or can be downloaded at: [www.tfa-dostmann.de/en/service/downloads/instruction-manuals](http://www.tfa-dostmann.de/en/service/downloads/instruction-manuals)

Please take particular note of the safety advice! Please keep this instruction manual safe for future reference.

## Documents / Resources

	<p><b><a href="#">TFA 35.8002.01 Projection Alarm Clock with WIFI</a> [pdf] User Guide</b>  35.8002.01 Projection Alarm Clock with WIFI, 35.8002.01, Projection Alarm Clock with WIFI, Projection Alarm Clock, Alarm Clock, Clock</p>
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## References

-  [▶ Expert for weather stations, thermometers, hygrometers | TFA Dostmann](#)
-  [Service | TFA Dostmann](#)
-  [Instruction manuals for TFA products | TFA Dostmann](#)
-  [FAQs - Frequently asked questions – TFA Dostmann](#)
-  [▶ Bedienungsanleitung für TFA Produkte | TFA Dostmann](#)
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