



Instruction Manual

Parus TERA

Guarantee conditions

Your product is covered by a 2-year guarantee. The guarantee is valid from the date of purchase as shown on your receipt. To make a guarantee claim, please contact the reseller from whom you purchased the product.

Exception from the guarantee commitment

The guarantee will be invalidated in any of the following events:

- if the product has been modified or redesigned
- if the product has been connected to a dimmer
- if the product has been connected to the wrong voltage or to a dimmer control device
- if the product has been used outside the recommended temperature range
- if the product has been subjected to mechanical damage, e.g. dropped on a concrete floor
- if the product has been dismantled for troubleshooting/repairs

Read the user instructions before using the product. Save the instructions for future reference.

Safety instructions

Before using the light, read and follow these instructions:

- the light is NOT intended for outdoor use
- unplug the power cord when you clean, disinfect or move the product
- disconnect the power if the electrical connections to the device get wet
- only use spare parts and consumables for this product as provided by the manufacturer
- temperature range +16°C – +26°C
- make sure your hands are dry during installation
- never use the product in a sealed compartment; always allow air to circulate around it
- do not connect the product to a dimmer
- do not look directly at the light when it is on
- take care when connecting the product to avoid electric shocks
- the product's heat sinks will become hot (35–50°C) during use
- all electrical installation work required to install the product must be performed by a qualified professional
- do not use the product if it fails to light up, starts blinking or emits a weak light
- In the event of malfunction, switch off the unit immediately. Never try to repair the product yourself, since this could cause serious damage and invalidate the guarantee

General information

Many indoor plants come from parts of the world where the daytime hours and light conditions are very different to our own. Growing indoors therefore places particularly high demands on the lighting. With the right light source, you can grow herbs and plants indoors and additionally enhance comfort for us humans.

Technical function

The product consists of a light source (LED) with wavelengths that are optimized to boost plants' health and growth.

Storage and maintenance

Store the light and packaging out of children's reach. The LED has no replaceable parts.



Model designation: PMF-TERA

Product Type: Seedling, Growing and Flowering of spices, plants and flowers with color control

Features:

- Growing of seedlings to plant
- Suitable for small scale cultivation in the home and small greenhouse area
- Specially designed LED lighting as a result of many years of research and development. By applying a technique with optimal combination of wavelengths and brightness the growth is maximized
- Lightweight and easy to use
- Professional controls: Color control Blue and Red.

Technical specifications

Dimensions (WxLxH):

Material:	Aluminium
Output:	35 W
Voltage:	85~285VAC, 50/60Hz
LED light:	Wavelength Ratio(R:B:O) : 11:3:4
PPFD* (300mm):	PPF 286 μ mol
Beam angle:	90°
Lifespan:	>50 000 hours

* PPFD is the amount of useful plant light.

Components



1. Power supply – 220V
2. LED Grow light - The LED grow light emits an artificial light that can replace the sun.
3. Built in Timer/Dimmer - Automatic setting of illumination time.

Assembly

The power cord can be inserted into the power supply fitted on top of the LED bar.

The TERA comes with 2 pulleys to hang them at various ceiling solutions. They are also height adjustable.

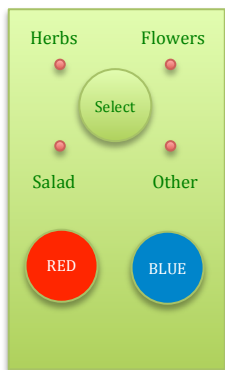
Proper placement

The product should be placed in a suitable location indoor with a temperature between 16 and 26 degrees. The ideal environment is a temperature of 18 - 24 degrees, with a humidity of 50% and good air circulation. The product should be installed hanging from a stable surface. If the product is not placed horizontally it may result in the cultivation may be uneven. Ensure that the power plug is dry before you plug it into the socket!

Using the Timer / Dimmer

The TERA has an integrated timer with 4 modes and 2 light adjustment buttons. The mode buttons have a LED that indicates the selected operating mode.

The RED and BLUE buttons allow you to dim the lighting levels based on the following Timer settings



Timer Selection:

- **Other** Light mode for other growing requirements (Allows for custom timing settings, standard 24H)
- **Flower** Light mode for flowering plants (Suitable for growing seeds and seedlings and plant maintenance)
- **Herbs** Light mode for herbs (Basil, rosemary, mint, dill etc.)
- **Salad** Light mode for salad leaves (Chicory, kale, parsley etc.)

Controller Overview

Mode	ON (hours)	OFF (hours)	Default Dimming level
Other (*)	24	-	10
	20	4	10
	9	15	10
	6	18	10
Flower	12	12	8
Herb	18	6	10
Lettuce	16	8	10

(*) Other can be adjusted according to the instructions below. Standard time is 24H

Modes (Other, Flower, Herb, Lettuce)

Press the SELECT mode button to cycle the different settings. The red light indicator will shine constantly to indicate the selected mode. The remaining time is stored automatically. The selected mode and remaining time is retained even after a power failure.

User selection (Other)

The preset mode for OTHER is 24 hours lighting mode.

To change the OTHER setting, please follow the following procedure

1. Disconnect the main power.
2. After 5 seconds, reconnect the main power while keeping the SELECT button pressed.
3. The LED's will blink repeatedly, now you can select different time schedules for the Other Mode:
4. Press the SELECT button to cycle to the requested times;
 - Select Other – 24 hours
 - Select Flower – 20 hours
 - Select Herb – 9 hours
 - Select Salad – 6 hours
5. After selecting the required timing please disconnect the power.
6. When powering back on, the OTHER selection is set to your preference

Dimming

Press the RED or BLUE button to lower the light intensity.

After reaching the OFF level the next time you press the RED or Blue button it will go back to 100%

Light levels and pulse

The TERA uses pulse technology to control light intensity. The 200 μ s pulse stimulates plant growth and reduces power consumption.