

User Manual

Nebula Mars

Model:D2311

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1 General Safety Information

Do not make any changes or settings that are not described in this user manual. Physical injury or damage to the device or loss of data can result from improper handling. Take note of all warnings and safety notes indicated.

Setting up the Device

The device is exclusively for indoor use. To avoid possible injuries to persons or damage to the device itself, the device should be placed securely on a stable, flat surface. Position all cables in such a way that no one will stumble on them.

Do not plug in the device in moist rooms. Never touch the mains cable of the mains connection with wet hands.

The device must have sufficient ventilation and may not be covered. Do not put your device in closed cabinets or boxes.

Do not place the machine on soft surfaces such as tablecloths or carpets and do not cover the ventilation slits. Otherwise the device could overheat or catch fire.

Protect the device against direct sunlight, heat, large temperature fluctuations and moisture. Do not place the device in the vicinity of heaters or air conditioners. Observe the information on temperature

and humidity in the technical data.

When the device is running for a long period of time, the surface becomes hot and a warning symbol appears on the projection. Then the device switches automatically to stand by mode when it gets too hot. After the device has cooled down, you can continue playback by pressing any key.

Do not allow liquids to enter into the device. Switch off the device and disconnect it from the mains supply if liquids or foreign substances end up inside the device. Have the unit inspected by a technical service department.

Always handle the unit with care. Avoid touching the lens. Never place heavy or sharp objects on the projector or the power cable.

If the projector gets too hot or emits smoke, shut it down immediately and unplug the power cable. Have the device examined by trained professionals at a technical service location. To prevent the spread of fire, open flames should be kept away from the device.

Under the following conditions, a layer of moisture can appear inside the device which can lead to malfunctions:

✘ if the device is moved from a cold to a warm area;

- ※ after a cold room is heated;
- ※ when this device is placed in a damp room.

Proceed as follows to avoid any moisture build-up:

1 Seal this device in a plastic bag before moving it to another room, in order for it to adapt to room conditions.

2 Wait one to two hours before you take the device out of the plastic bag.

The device should not be used in a very dusty environment. Dust particles and other foreign objects may damage the unit.

Do not expose the device to extreme vibrations. It may damage the internal components.

Do not allow children to handle the device without supervision. The packing materials should be kept out of the hands of children.

Power Supply

Use only the enclosed power adapter (see chapter Appendix/ Technical Data). Check whether the mains voltage of the power supply matches the mains voltage available at the setup location.



The adapter could be connected to IT power distribution systems.

The capacity of the battery diminishes with time. If the device functions only with

the power supply, the battery is defective. Contact an authorized service center to replace the battery.

Do not try to replace the battery yourself. Incorrect handling of the battery or using the wrong type of battery can cause damage to the device or cause injury.

DANGER

Risk of explosion with incorrect type of batteries

Do not try to replace the battery yourself.

There is a risk of explosion if the incorrect battery type is used.

CAUTION
RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS

Switch the device on or off before removing the power supply from the socket.

DANGER

High Power LED

This device is equipped with a high power LED (Light Emitting Diode), which emits very bright light. Do not look directly into the projector lens. This could cause eye irritation or damage.

Turn off the device and remove it from the power supply before cleaning the surface. Use a soft, lint-free cloth. Never

use liquid, gaseous or easily flammable cleansers (sprays, abrasives, polishes, alcohol). Do not allow any moisture to reach the interior of the device.

DANGER



Danger of hearing damage

Do not use the device over a longer time at high volume – especially when using headphones. This could lead to the risks of hearing damage.

Repairs

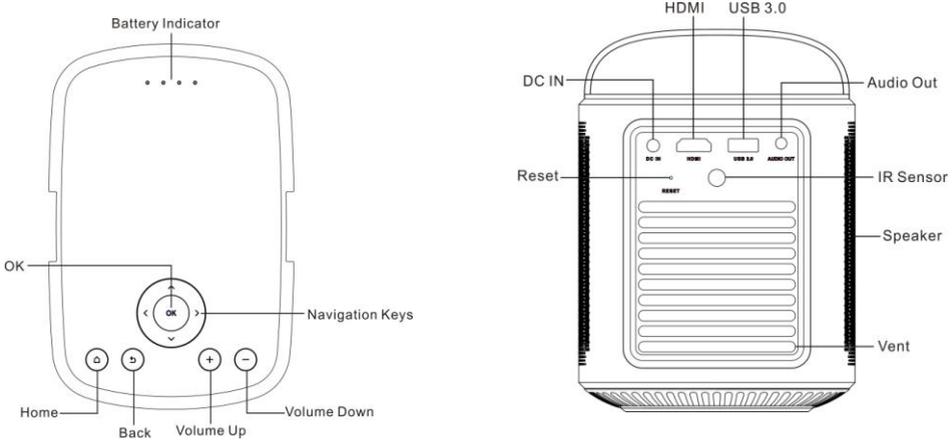
Do not make any repairs to the device by yourself. Any improper maintenance may result in injuries or damage to the device. Only have your device repaired by an authorized service center.

Do not remove the type label from your device; this would void the warranty.

Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

2 Overview



Symbols on the Host and Adapter

Symbols	Explanation
	Class II equipment
	AC voltage
	DC voltage
	Polarity of output terminals
	Indoor use only
	Energy efficiency Marking
	<p>RECYCLING</p> <p>This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment. User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or</p>

3 Settings

Network

In this section, the systems will auto-scan the available networks to display on the screen.

Select one network and input password if necessary to connect.

Bluetooth

The Bluetooth function enables you to exchange files between the projector and other Bluetooth devices.



Before this step, please activate the Bluetooth function of other device (mobile phone, Bluetooth earphone etc.) and make sure the device is in range.

Touch the Bluetooth switch behind of the Bluetooth item to turn on the Bluetooth function and then the system will auto-scan the visible Bluetooth device nearby and display on the screen. Touch the desired Bluetooth device to start pairing. Then according to the indications on both side, users can complete the connection successfully in seconds. After pairing, you can share files between the unit and the Bluetooth device.

Projector

Touch to open the relating settings, including Brightness, Auto Keystone Correction, Auto Focus, Project mode, Manual Focus.

App Manager

Touch to check the current Apps information, or manage the current Apps.

General

Language

Select your desired language with the navigation buttons.

Keypad Tone

Turn on/off the keypad tone.

Automatic Sleep Interval

Select the time of system automatic sleep interval.

Background

Choose the desired background, such as Default, Starry Sky, Flowers, Aurora, and Jellyfish.

Date & Time

Option is about the current system date & time setting. You can set the date and time, and their format of the projector.

Upgrade

Touch to check the system upgrade.

About

The detailed information about the unit, including its Model, System Version, ROM/RAM, IP Address, MAC, Recovery.

4 Connecting to the Playback Device

Only use the supplied cable or the cables that are available as accessories to connect the projector.

Supplied Cables

Adapter cable

Connecting to the Devices with HDMI output

Use the HDMI cable to connect the projector to a computer or laptop.

Connecting an USB Storage Medium

Connect the USB storage medium to the USB socket on the reverse side of the device.

Connecting the Headphones

1 Before connecting the headphones, turn down the volume on the device.

2 Connect the headphones to the projector's headphone slot. The device

speakers deactivate automatically when the headphones are connected.

3 After connecting the headphones, increase the volume to a comfortable level.

5 Maintenance

Battery maintenance

The capacity of the battery diminishes with time. To prolong the life of the battery, please observe the following instructions:

- Without a power supply, the device operates itself through the built-in battery. When the battery does not have sufficient capacity, the device will turn off. Connect the device with USB cable on an USB port.
- When the device is in low battery, the battery icon in the status bar turns red.
- When the device overheats after running for a long period of time, a warning icon will appear on the projection. The device behaves as follows:

1 The speed of the fan reaches the highest level.

2 When the brightness is set to a maximum level, a overheat Icon will appear in the status bar and then the brightness will be automatically set to a minimum level.

3 When the brightness is set to a minimal level, a overheat icon will show for three seconds in the middle of the

screen. Then the device will turn off automatically.

After the device has cooled down, you can continue playback.

- Use the device at least once a week.
- Charge the battery regularly. Don't store the device with a completely discharged battery.
- If the device is not used for several weeks, discharge the battery a little by using the device before storing it.
- If the device can only work via the USB connection or with the power

DANGER	
	Do not Replace the Battery by Yourself
	Do not try to replace the battery by yourself. Incorrect handling of the battery or using the wrong type of battery can cause damage to the device or cause injury.

supply, it proves that the battery has lost effectiveness.

- Keep the device and the battery away from heat sources.

Deep discharge of battery

If the device has not been used for a long period of time the battery may be deep discharged and the unit cannot be switched on.

DANGER



Instructions for Cleaning!

Use a soft, lint-free cloth. Never use liquid or easily flammable cleansers (sprays, abrasives, polishes, alcohol, etc.). Do not allow any moisture to reach the interior of the device. Do not spray the device with any cleaning fluids. Wipe over the surfaces gently. Be careful that you do not scratch the surfaces.

Please connect it to the power adapter before switching it on again.

Cleaning

DANGER



Do not use any Liquid Cleaning Agents

Do not use any liquid cleaning agents for cleaning the lens, to avoid damaging the coating film on the lens.

Cleaning the Lens

Use a brush or lens cleaning paper to clean the lens of the projector.

Device Overheated

An overheat icon appears if the device is getting too hot. The device behaves as follows:

- 1 The speed of the fan reaches the highest level.
 - 2 When the brightness is set to a maximum level, an overheat icon will appear in the status bar, then the brightness will be automatically set to a lower level.
 - 3 When the brightness is set to a minimal level, an overheat icon will be shown for three seconds in the middle of the screen. Then the device will turn off automatically.
- After the device has cooled down, it can be switched on and used again.

6 Appendix

Technical Data

Dimensions (L*W*H)...mm
Weight.....About 1815g
Operating Temperature.....5-35°C
Packed Storage Temperature.....-25-60°C
Unpacked Storage Temperature.....0-45°C
Operating Humidity.....15-85% RH
Packed Storage Humidity.....5-93% RH
Unpacked Storage Humidity...15-85% RH

Technology / Optical

CPU Model No.....MST6A628
CPU Frequency..... 1.5GHz
Operating System.....Android 4.4
Light source.....RGB LED
Resolution.....1280*800
Aspect Ratio..... 16:09:00
White Light Brightness..... 400lm/650lm
Contrast ratio..... >600:1
Projected image size.....20"~120"
Screen distance.....0.5m up to 3m

Power Supply

DC-IN.....19V/3A or 19V/6.3A

Built-in Rechargeable Battery

Battery type.....Li-Polymer
Capacity.....6700mAh/11.4V
Charging time.....3 h

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.

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