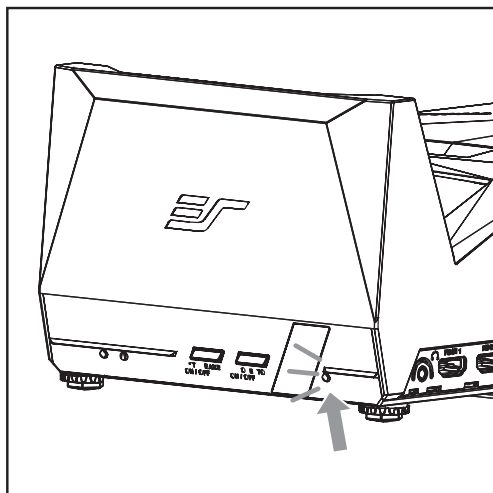


BATTERY STATUS INDICATOR



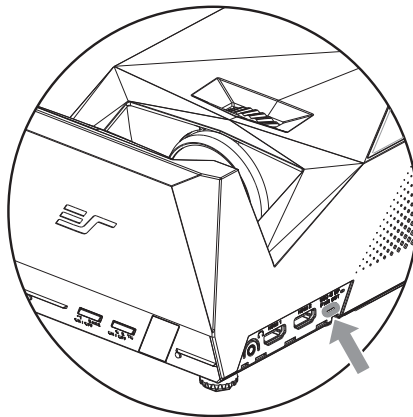
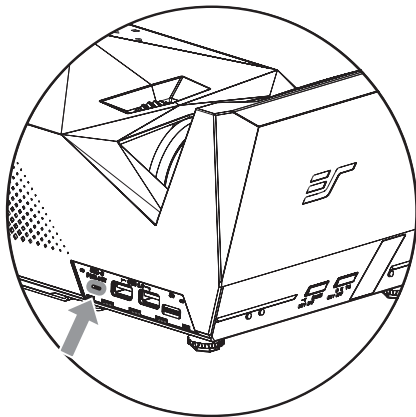
LEDs indicate battery and charging status as following table.

	Adapter Mode	Battery Mode
Green(100%)	Solid	Solid
Green (80% ~)	Flash	Solid
Orange(15%~79%)	Flash	Solid
Red(~14%)	Flash	Solid

In battery mode, MosaicGO™ will be forced to power off if battery capacity is under 10%. **Suggest charging the battery immediately.**

***Note:**
There is no battery in Lite MGFU-L verion. Power LED is green solid when DC adapter is inserted.)

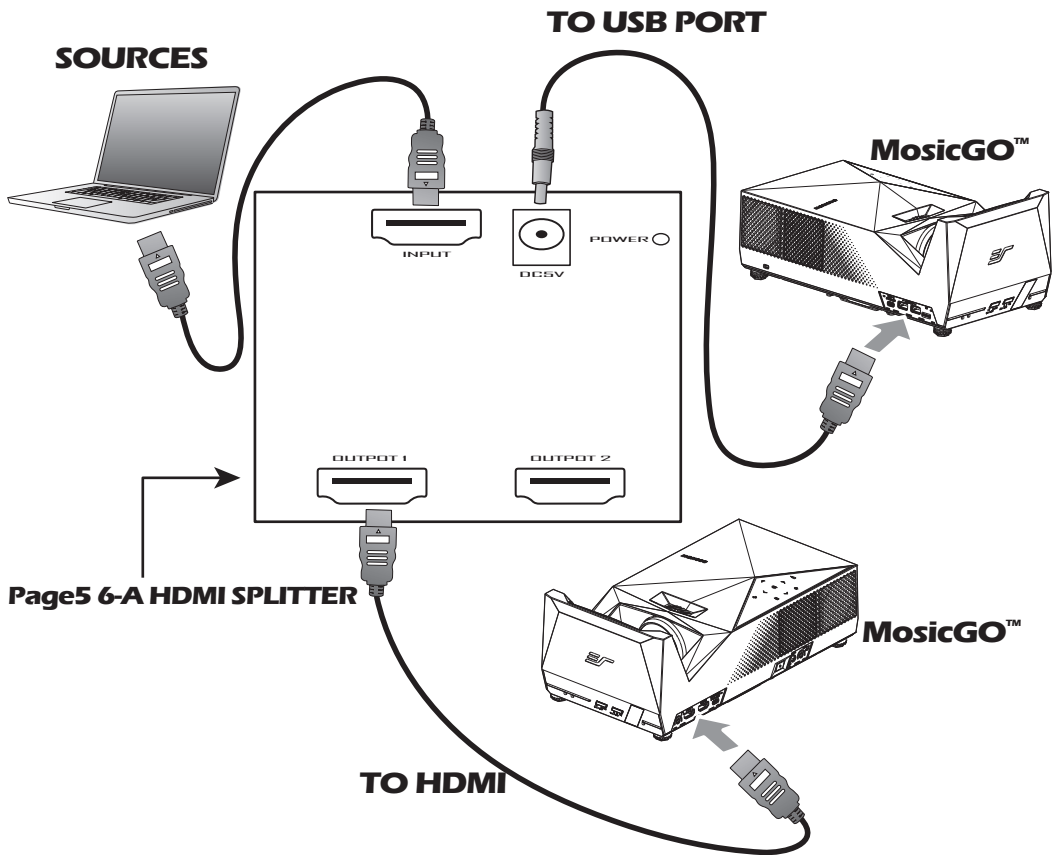
BATTERY FOR POWER SOURCE



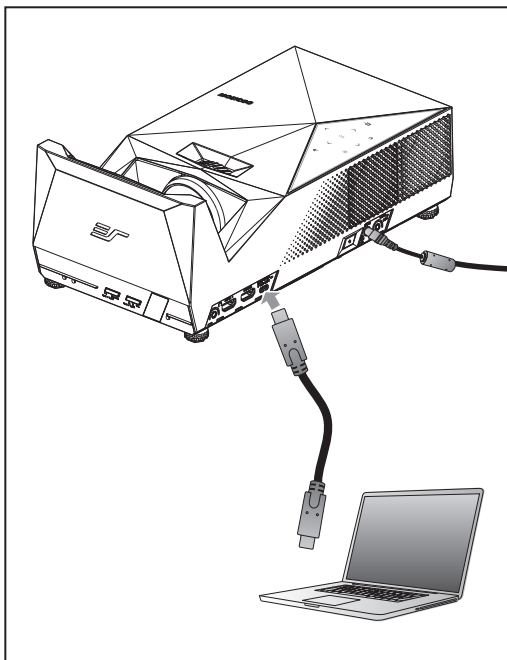
- USB Type C power Delivery:
Type C support PD function. Please refer specification section for details.

***Note:**
When projecting video content, USB type C ports automatically switch to a lower (5V1A) power rail.

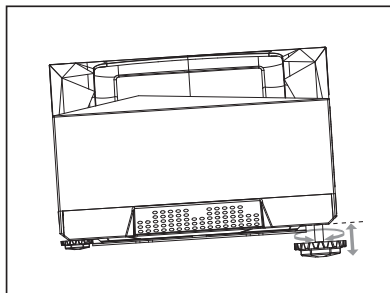
- USB Type A :
Provide 5V/1A max power.



***Note:**
Please always use the splitter to connect to any source (Laptop, PC, DVD...) and the projector.

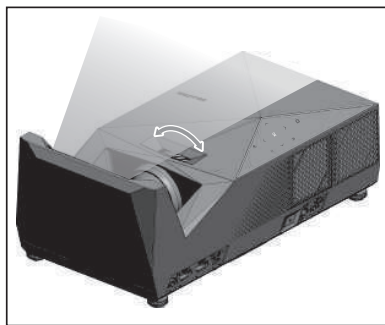


ADJUST PROJECTION IMAGE TILT



The projector is equipped with four elevator feet for adjusting the projected image tilt.

To adjust the tilt:
Turn the elevator feet to adjust the projected image position to the desired tilt.



Adjust the focus until the image is clear.

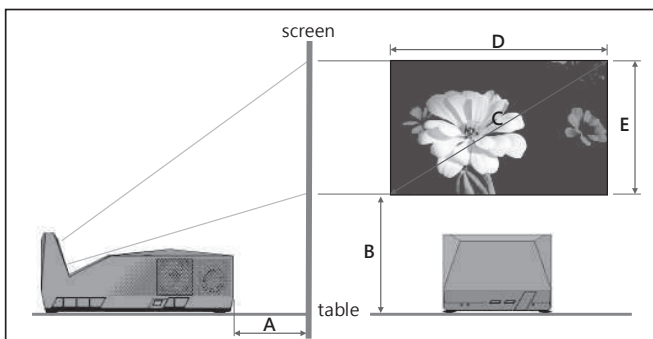
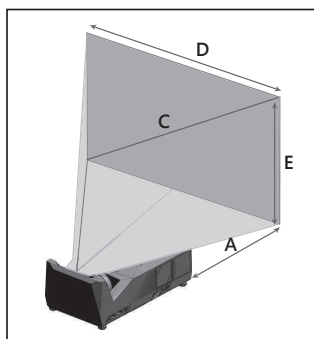
ADJUST THE PROJECTION IMAGE SIZE

A	B	C	D	E	Note
Projector Front Edge Distance to Screen	Screen lower edge to projector table	Projector Screen diagonal	Projector Screen width	Projector Screen height	
inch	inch	inch	inch	inch	
3.82	9.41	60	52.3	29.4	
6.42	10.75	70	61.0	34.3	
9.17	11.89	80	69.7	39.2	
11.97	13.35	90	78.4	44.1	*Note
14.53	14.37	100	87.2	49.0	

A	B	C	D	E	Note
Projector Front Edge Distance to Screen	Screen lower edge to projector table	Projector Screen diagonal	Projector Screen width	Projector Screen height	
cm	cm	cm	cm	cm	
9.7	23.9	152	133	75	
16.3	27.3	178	155	87	
23.3	30.2	203	177	100	
30.4	33.9	229	199	125	*Note
36.9	36.5	254	221	112	

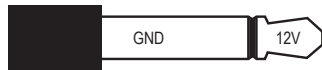
*Note:

The MoticGO™ (Lite MGFU-L & Sport MGFU-S) portable UST (ultra-short throw) projectors are specifically designed for creating 60~80" imagery in a 16:9 aspect ratio.
Throwing larger (90"~100") images will have corner distortion and is more recommended for videos than in still shot / training presentations.



*Note:

The tolerance is around 5% .

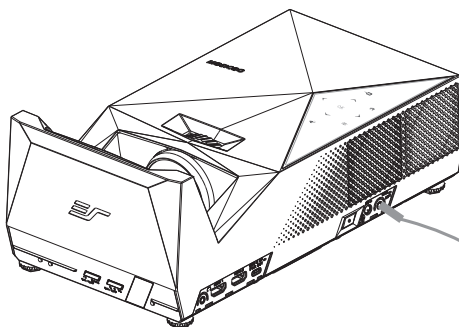
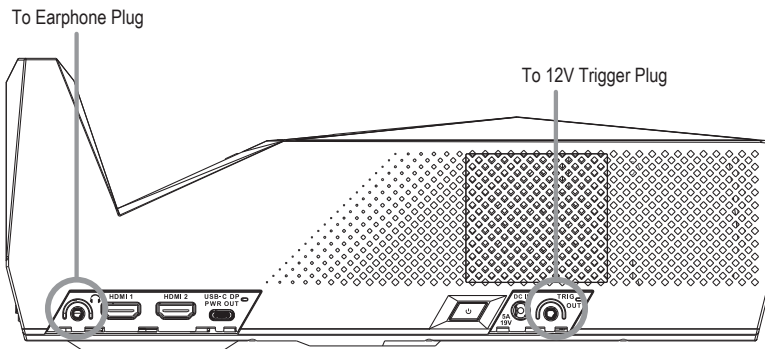


- Earphone, 3.5mm Jack Pin assignment

HPL : Left Channel Audio Signal
HPR : Right Channel Audio Signal
GND : Signal Ground

- 12V Trigger Port, 3.5mm Jack Pin assignment

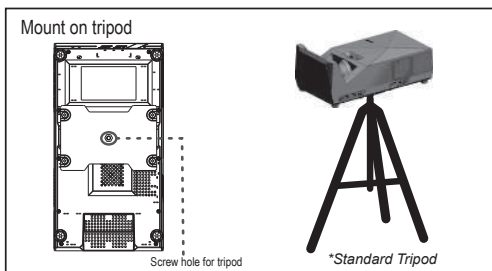
12V : 12V trigger signal for screen rolling up/down
GND : Signal Ground



Warning : Don't plug in earphone to 12V trigger port, that can cause damage to the earphone.



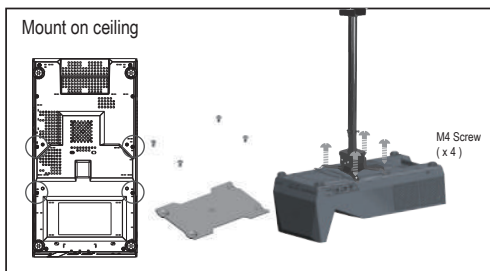
MOUNT THE PROJECTOR



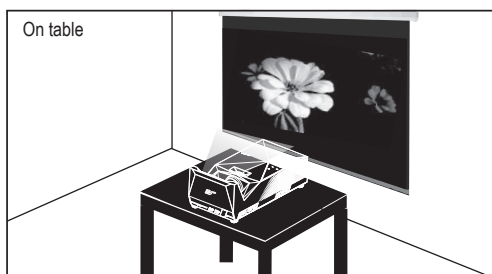
Screw a standard tripod into the screw hole on the projector.

***Note:**

Tripod should support loading above 3Kg, and mounting screw spec is 1/4"



1. Loosen 4 screws to remove metal plate from MosaicGO™.
2. Fasten screws(M4) to ceiling mount kits.

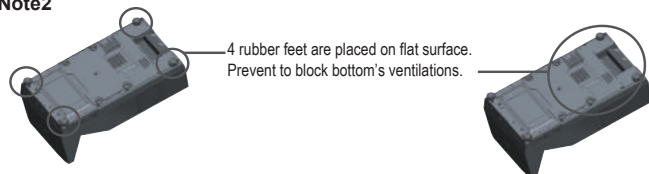


Note1



Keep enough space from speakers and ventilations (30 cm above)

Note2



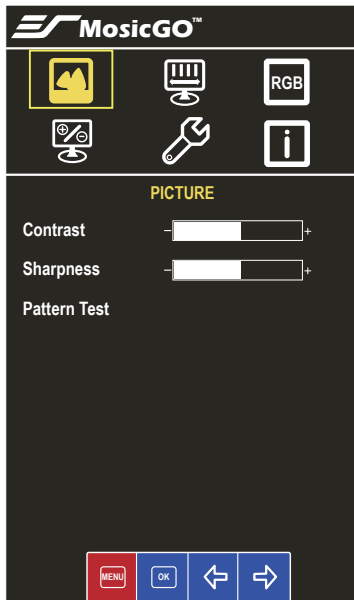
table



table

***Note:**

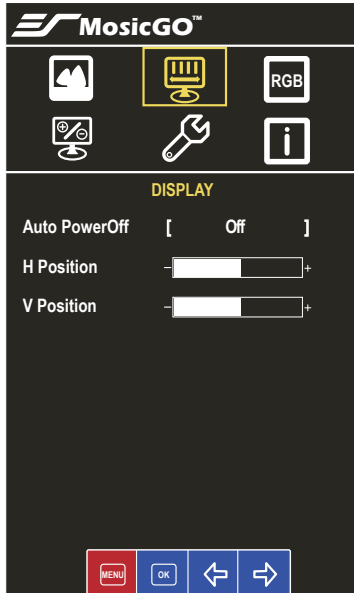
Please keep air vents open for heat ventilation. Otherwise, projector will be turned off if it's over heat.



- Contrast: adjust color contrast.
- Sharpness: adjust picture sharpness.
- Pattern Test: present pattern picture to verify focus and color situation of display. Press "OK" will return to current video port.

***Note:**

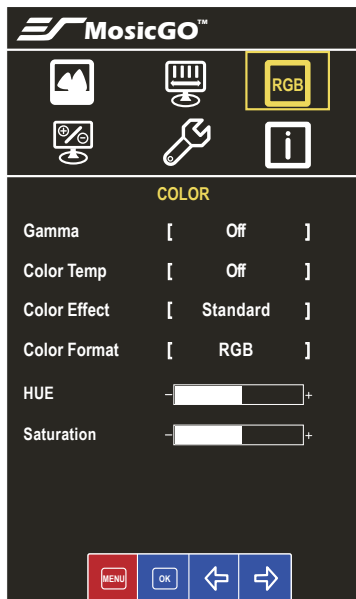
1.Reset to default setting by selecting 'Menu'->'Other'->'Reset'



- Auto PowerOff: Configure the time before power off if there is no signal to projector.
- H / V Position: Adjust the display position.

***Note:**

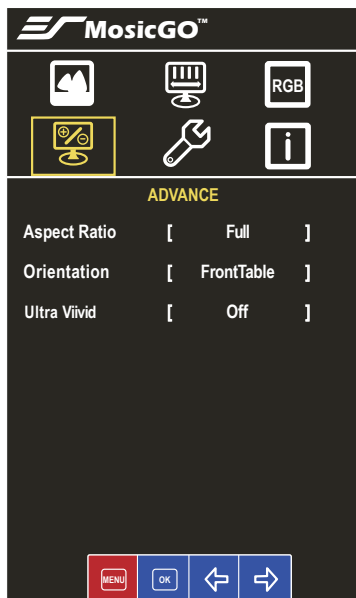
1.Reset to default setting by selecting 'Menu'->'Other'->'Reset'



- Configure color properties.

***Note:**

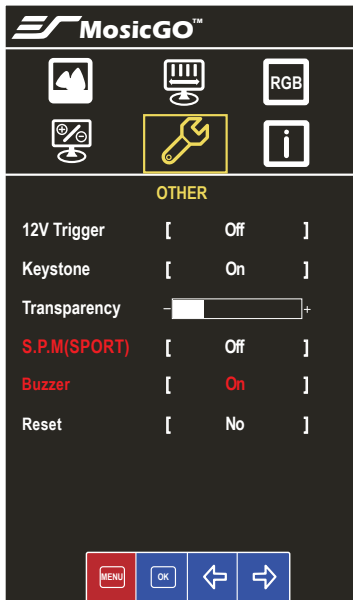
1. Some features might not be support in current model.
2. Reset to default setting by selecting 'Menu'-'>'Other'-'>'Reset'



- Set other configuration.
- Aspect Ratio: configure ratio of display area.
- Orientation: according to your projector installation, configure the orientation of display.
- Ultra vivid: enable/disable supporting vivid color.

***Note:**

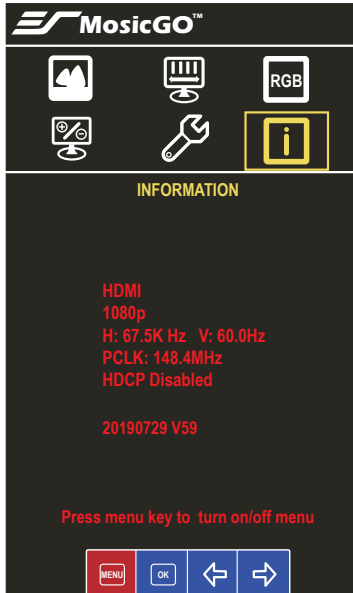
1. Some features might not be support in current model.
2. Reset to default setting by selecting 'Menu'-'>'Other'-'>'Reset'



- 12V Trigger: Enable/disable the output of 12VTrigger Out.
- Keystone: adjust the rectangle shape of display.
- Transparency: configure the transparency of OSD(on-screen display).
- S.P.M: enable/disable Smart Projector Mode. If enable, MosaicGO® will automatically adjust brightness according current battery and power situation.
- Rest: reset to default setting.

***Note:**

- 1.Brightness cyclic MAX/ECO/MIN will be disabled when S.P.M is ON.
- 2.If Keystone is enabled , the projector will automatically adjust the image display within 2-3 seconds. Press up/down key to adjust slightly also.
- 3.Reset to default setting by selecting 'Menu'-'>Other'-'>Reset'



- Present current video signal information.

SPECIFICATIONS

Item	Description
Imager	DLP
Native Resolution	1920 x 1080 Full-HD
Projection Distance	0.37-0.65 m (1'3" - 2'2") (from screen to lens)
Projection Image Size	1.52-2.54 m (60" - 100") diagonal
Focus	Manual
Throw Ratio	0.3 (80"@0.5m)
Keystone	Vertical keystone
Projection Modes	Front Table, Rear Table, Front Ceiling, Rear Ceiling
Standard Input Resolution	Up to FHD (1920 x 1080)
SDTV/EDTV/HDTV	480i, 480p, 576i, 576p, 720p, 1080p
Horizontal Frequency	30.5 - 91.1kHz
Vertical Frequency	50 - 85Hz
Operating Temperature	0 - 40°C
Dimensions (WxHxD)	319 x 168 x 93(back) / 127(front)mm
AC adapter	100 - 240V, 50 - 60Hz
Power Input	19V DC, 6.3A
Power Consumption	Less than 120W
Lamp	RGB LED
Lamp Life	20,000 Hours
Speakers	8W x 2 music power
Battery Capacity	37200mAh (135 Watt-Hours) (only for MGFU-S model)
Input/Output Ports	Alt-DP (USB type C connector) x 1
	HDMI 1.4 x 2
	USB type A power charging port (5V1A) x 2
	USB type C PD power source port x 2 (Note)
	Earphone out
	12V Trigger Out (0.1A output max.)
	Bluetooth audio in x1
Waterproof	IPX2
Security	Kensington Slot

*Note:

Power Delivery (PD): maximum 5V/3A, 9V/3A, 15V/3A, 20V/4.35A for port ⑧ USB type-C port
maximum 5V/3A, 9V/3A, 15V/2A, 20V/1.5A for port ⑨ USB type-C port

TROUBLESHOOTING

If you experience a problem with your projector, please refer to the following information. If a problem persists, please contact your local retailer or service center.

★ No image appears on screen

- Ensure the power cord is correctly and securely connected.
- Ensure the cable is fine.
- Make sure the projector is switched on.
- Be aware that the projector does NOT support HDCP (High-Bandwidth Digital Content Protection).

★ Image is out of focus

- Make sure the projection distance is in valid range (refer to page 10).
- Projecting test pattern ("Menu" -> "Picture", press "OK" -> "Pattern Test", press "OK")
- Adjust the focus ring, make the line pattern on four corners and center clear. Exit "Pattern" by press "OK" again.

★ Image is too small or too large

- Move the projector closer to or further from the screen.

★ No sound

- During music playback, press  on the remote control.

*Note:

When the projector's temperature is too high, the projector automatically shuts down due to the built-in temperature protection. This is not a malfunction. Let the projector cool down before switching it on again.

*Note:

MGFU-S/MGFU-L is splash resistant and was tested under controlled laboratory conditions with a rating of IPX2 under IEC standard 60529. Splash resistance are not permanent conditions and resistance might decrease as a result of normal wear. Do not attempt to charge a wet MGFU-S/MGFU-L; Liquid damage not covered under warranty.

Supported HDMI input video signal:

Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)
640 x 350	31.468	70.09
720 x 400	31.469	70.08
640 x 480	31.469	59.94
800 x 600	37.879	60.31
1024 x 768	48.363	60.00
1152 x 864	54.348	60.053
1360 x 768	47.712	60.015
1280 x 1024	63.981	60.020
1920 x 1080	67.5	60

* If an invalid signal is input into the projector, it will not be displayed properly on the screen or a message such as 'not support' will be displayed.

* To provide the best picture quality, 1920 x 1080 (1080p) resolution is recommended.

☆ 3 continuous beep sound

You may hear 3 continuous beep sound accompany following icon on the screen



Low battery: projector is turned off immediately. Please plug power adapter to charge the battery. You can turn on the projector during charging.



Battery fail: if the power adapter is plugged. You can turn on and use projector. If you pull out the power adapter, the projector may be turned off without any warning. If the problem still occurs, please check your vendor.



Over heat: projector is turned off immediately. Suggest to let projector be off for a while before it is turned on again.



Fan error: projector is turned off immediately. If the problem still occurs, please check your vendor.

***Note:**

Projector may be over heat and turned off immediately. Suggest to let projector be off for a while before it is turned on again.

13 Months Warranty Card

Customer's name:	
Phone number:	
Email:	
Address:	
Date of purchase: (M) (D) (Y)	
Model No: S/N:	
* To ensure your right, please ask the Dealer to fill in the information above, and have Dealer's stamp on this card. * If date of purchase cannot be provided with dealer's stamp, the manufacture date as recorded will be deemed to be the start of the Warranty Period.  	Dealer's Stamp:

Elite Screens Visual & Sound Co., Ltd.

MosicGO™

MOVIES MUSIC POWER GO



Electronic file link
www.eliteprojector.com/MGFU/manual

FBZZ-MG12002-01
www.eliteprojector.com
Printed in Taiwan