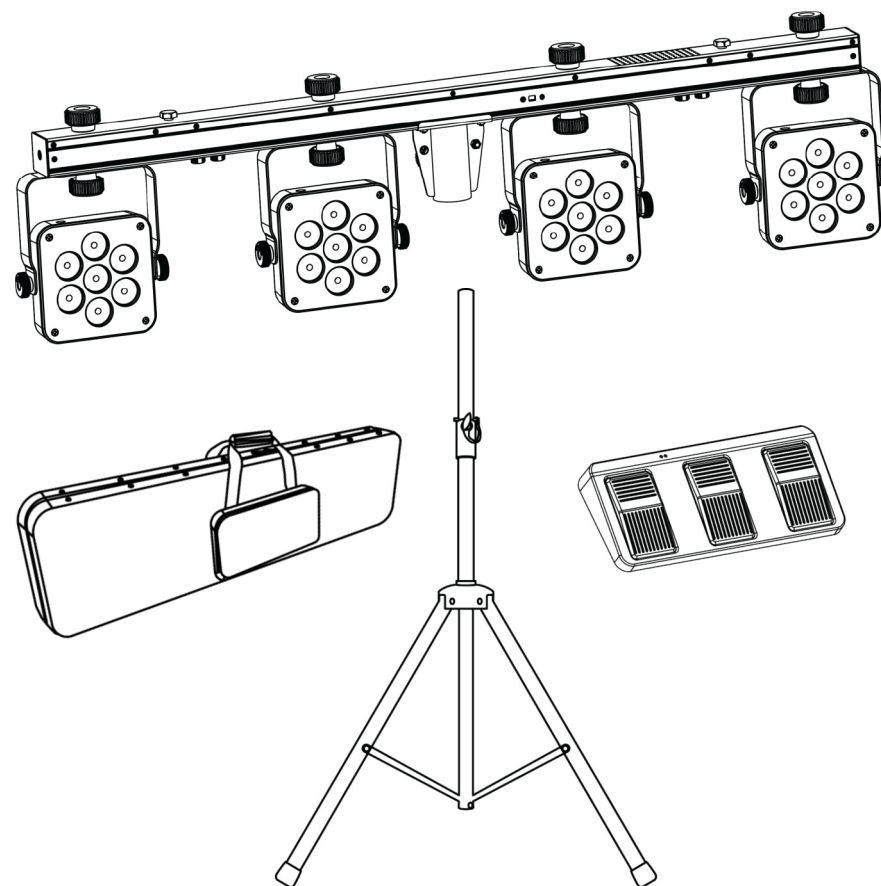


NITEC
powered by EK

KWIK-GIG

Complete portable
high-output wash light system
with wireless foot pedal control






WARNING! Before carrying out any operations with the unit, carefully read this instruction manual and keep it with care for future reference. It contains important information about the installation, usage and maintenance of the unit.



SAFETY

General instruction

- The products referred to in this manual conform to the European Community Directives and are therefore marked with CE.
- The unit is supplied with hazardous network voltage (230V~). Leave servicing to skilled personnel only. Never make any modifications on the unit not described in this instruction manual, otherwise you will risk an electric shock.
- Connection must be made to a power supply system fitted with efficient earthing (Class I appliance according to standard EN 60598-1). It is, moreover, recommended to protect the supply lines of the units from indirect contact and/or shorting to earth by using appropriately sized residual current devices.
- The connection to the main network of electric distribution must be carried out by a qualified electrical installer. Check that the main frequency and voltage correspond to those for which the unit is designed as given on the electrical data label.
- This unit is not for home use, only professional applications.
- Never use the fixture under the following conditions:
 - in places subject to vibrations or bumps;
 - in places with a temperature of over 45°C.
- Make certain that no inflammable liquids, water or metal objects enter the fixture.
- Do not dismantle or modify the fixture.
- All work must always be carried out by qualified technical personnel. Contact the nearest sales point for an inspection or contact the manufacturer directly.
- If the unit is to be put out of operation definitively, take it to a local recycling plant for a disposal which is not harmful to the environment. 

Warnings and installation precautions

- This equipment is reserved for professional use. It is not intended for domestic use.
- The unit for indoor use only. To prevent or reduce the risk of electrical shock or fire, do not expose the unit to rain or moisture.
- If this device will be operated in any way different to the one described in this manual, it may suffer damage and the guarantee becomes void. Furthermore, any other operation may lead to dangers like short circuit, burns, electric shock, etc.
- Always inspect the mechanical and electrical parts of KWIK-GIG equipment before fitting to check they are not damaged. Do not operate the product if you see damage. If the part is damaged, it has to be replaced by a qualified technician.
- Don't connect the device to a dimmer pack.
- Before starting any maintenance work or cleaning the fixture, cut off power from the main supply.
- Never attach to product other equipment different KWIK-GIG accessories.
- Never let the power-cord come into contact with other cables! Handle the power-cord and all connections with the mains with particular caution!
- Never remove warning or informative labels from the unit.
- Do not shake the device. Avoid brute force when installing or operating the device.
- Make sure that the device is not exposed to extreme heat, moisture or dust.
- Keep any inflammable material at a safe distance from the fixture.
- Make sure that the power-cord is never crimped or damaged. Check the device and the power cord from time to time. If the external cable is damaged, it has to be replaced by a qualified technician.

INTRODUCTION

KWIK-GIG is a complete portable high-output wash light system.

FEATURES

- Complete portable high-output wash light system
- Wireless footswitch included for convenient cable-free pedal control
- Four adjustable heads project light wherever it's wanted
- Tripod stand included for quick setup
- Custom carrying bag included for easy portability
- L-Brackets included for floor mounting option
- Master-slave mode for linking multiple Kwik-Gig units
- Built-in sound-active and auto (stand-alone) programs
- DMX In and Out connections
- Power In and Out connections for linking multiple units
- Additional light fixtures (not included) can be mounted easily to the top bar
- USB port for optional UFI wi-fi transceiver for wireless DMX control
- Infrared sensor for optional IR6 remote control

SPECIFICATIONS

Light Source:	28 x 3W Tri-color LED
Beam Angle:	18°
Field Angle:	30°
Colors:	RGB color mixing
Output:	305 LUX @ 5 meters (each head)
Strobe:	0 - 30 Hz
PWM Frequency:	600 Hz, flicker-free for camera
Dimming:	0-100% dimming
Control Modes:	DMX, Master/Slave, Auto, Sound-Active, Footswitch, Koala wireless DMX (with optional UFI transceiver), IR (with optional IR6 controller)
DMX Channels:	3 / 15
Built-in Programs:	Yes
Menu:	4-digit LED display
Mains:	100 - 240 VAC, 50/60 Hz (auto-ranging)
Power:	69W
Power Linking:	Up to 8 units
Power connections:	IEC power In/Out
Data connections:	3-pin XLR In/Out for DMX
Housing:	Aluminum
Finish:	Matte Black
IP Rating:	IP20
Dimensions:	1050 x 50 x 270 mm
Weight:	13KG (complete set)

MAINTENANCE

MAINTENANCE AND CLEANING THE UNIT

- Make sure the area below the installation place is free from unwanted persons during setup.
- Switch off the unit, unplug the main cable and wait until the unit has cooled down.
- All screws used for installing the device and any of its parts should be tightly fastened and should not be corroded.
- Housings, fixations and installation spots (ceiling, trusses, suspensions) should be totally free from any deformation.
- The main cables must be in impeccable condition and should be replaced immediately even when a small problem is detected.
- It is recommended to clean the front at regular intervals, from impurities caused by dust, smoke, or other particles to ensure that the light is radiated at maximum brightness. For cleaning, disconnect the main plug from the socket. Use a soft, clean cloth moistened with a mild detergent. Then carefully wipe the part dry. For cleaning other housing parts use only a soft, clean cloth. Never use a liquid, it might penetrate the unit and cause damage to it.

FUSE REPLACEMENT

1. Remove the safety cap by a screwdriver.
2. Replace the blown fuse with a fuse of the exact same type and rating (T2A-250V).
3. Install the safety cap, and reconnect power.



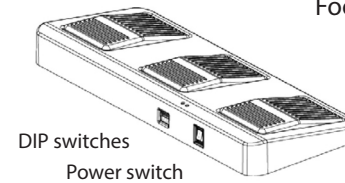
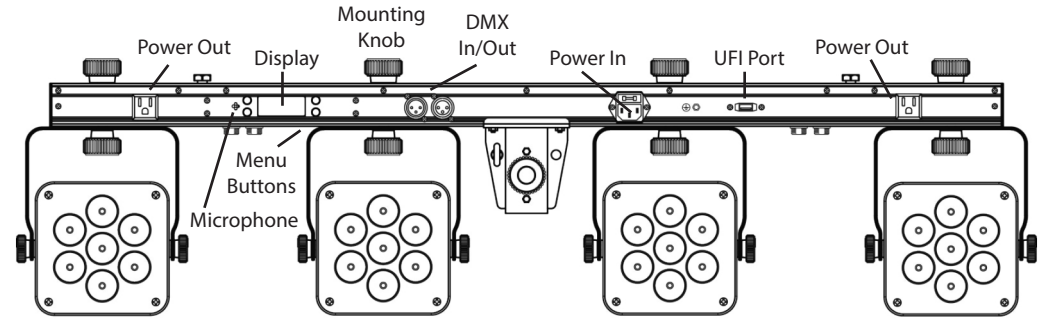
Fig.7

TROUBLESHOOTING

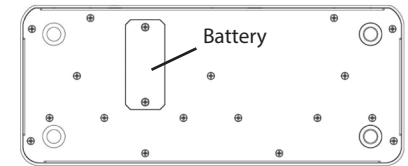
Problems	Possible causes	Checks and remedies
Fixture does not light up	<ul style="list-style-type: none"> • No mains supply • Dimmer fader set to 0 • All color faders set to 0 • Faulty LED • Faulty LED board 	<ul style="list-style-type: none"> • Check the power supply voltage • Increase the value of the dimmer channels • Increase the value of the color channels • Replace the LED board • Replace the LED board
General low light intensity	<ul style="list-style-type: none"> • Dirty lens assembly • Misaligned lens assembly 	<ul style="list-style-type: none"> • Clean the fixture regularly • Install lens assembly properly
Fixture does not power up	<ul style="list-style-type: none"> • No power • Loose or damaged power cord • Faulty internal power supply 	<ul style="list-style-type: none"> • Check for power on power outlet • Check power cord • Replace internal power supply
Fixture does not respond to DMX	<ul style="list-style-type: none"> • Wrong DMX addressing • Damaged DMX cables • Bouncing signals 	<ul style="list-style-type: none"> • Check control panel and unit addressing • Check DMX cables • Install terminator as suggested

Contact an authorized service center in case of technical problems or not reported in the table can not be resolved by the procedure given in the table.

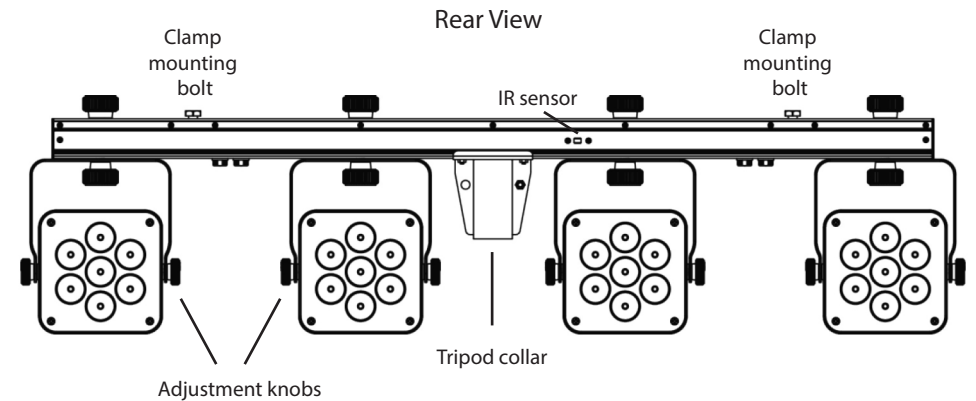
OVERVIEW



Footswitch



Battery



Rear View

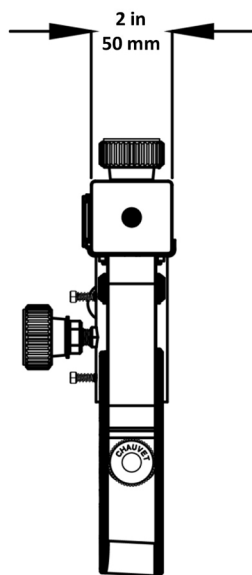
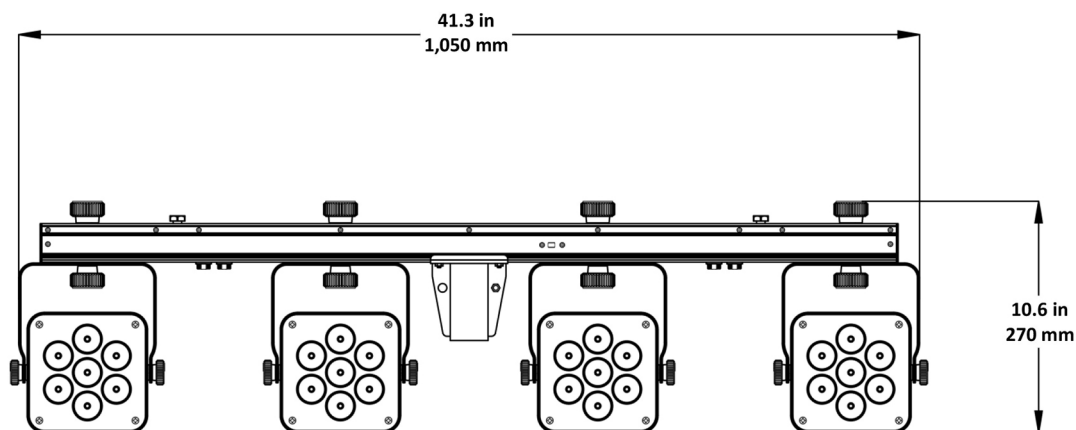
Clamp mounting bolt

IR sensor

Tripod collar

Adjustment knobs

DIMENSIONS



CONTROLLING OTHER NITEC UFI-COMPATIBLE MODELS WITH THE KWIK-GIG

The KWIK-GIG can be configured to control any NITEC model that is UFI-compatible. The control signal can be transmitted over DMX cable (wired) or by UFI wi-fi transceivers (wireless). Setup for both methods described below.

Note: Slave units should be configured before configuring master unit

WIRED CONNECTION OF NITEC MODELS TO KWIK-GIG MASTER UNIT

Slave units:

Set all slave units to 3-channel mode

Set DMX addresses to match the KWIK-GIG head that will control the slave unit

- Slave units controlled by Head 1, set to address 1
- Slave units controlled by Head 2, set to address 7
- Slave units controlled by Head 3, set to address 13
- Slave units controlled by Head 4, set to address 19

Connect all slave units in DMX cable daisy chain

Connect first slave unit to the KWIK-GIG DMX Out

KWIK-GIG Master unit:

Set to Auto mode or enable footswitch control

Link first slave unit to the KWIK-GIG's DMX Out connector

WIRELESS CONNECTION OF NITEC MODELS TO KWIK-GIG MASTER UNIT

Slave units:

Set all slave units to 3-channel mode

Set DMX addresses to match the KWIK-GIG head that will control the slave unit

- Slave units controlled by Head 1, set to address 1
- Slave units controlled by Head 2, set to address 7
- Slave units controlled by Head 3, set to address 13
- Slave units controlled by Head 4, set to address 19

Set UFI transceivers to preferred receiving channel (1-16)

Attach one UFI to the USB port of each NITEC model

KWIK-GIG Master unit:

Set to Auto mode or enable footswitch control

Set UFI to chosen transmitting channel (1-16)

Attach UFI to the KWIK-GIG's USB port

MASTER/SLAVE OPERATION (via UFI wi-fi transceiver)

KWIK-GIG units can operate in Master/Slave mode wirelessly using the optional UFI wi-fi transceiver. The master UFI-enabled unit can be operated in stand-alone mode or by the wireless footswitch, with the UFI set to transmit. The slave units should all be set to slave mode, with the UFI set to receive.

Note: Slave units should be configured before configuring master unit

Note: All units should be set to same DMX address, mode and UFI channel

Setup as below:

SLAVE UNITS:

Press MENU button until **3-CH** or **15CH** is displayed

Press ENTER

Set DMX address to **d 1**

Set UFI to preferred receiving channel (1-16)

Attach UFI to the KWIK-GIG's USB port

MASTER UNIT:

Press MENU button until DMX mode is displayed that matches slave configuration

Press ENTER

Set DMX address to **d 1**

Set to Auto or Sound-Active mode

Set UFI to chosen transmitting channel (1-16)

Attach UFI to the KWIK-GIG's USB port

CONTROL MENU OVERVIEW

CONTROL PANEL

BUTTON	FUNCTION
Menu	Selects operating mode or exits submenus
Up	Scrolls up through option lists or selects higher value
Down	Scrolls down through option lists or selects lower value
Enter	Activates displayed menu option or selected value

FUNCTION MENU

MODE	OPTIONS / VALUES		DESCRIPTION
DMX Mode	3-CH	d 1–d512	Sets DMX starting address
	15CH		
Preset Colors	C--	C 1–C 7	Selects preset colors (red, green, blue, cyan, magenta, yellow, or white.)
Auto Program	Auto		Turns on Auto mode
Speed	S--	S 1–S100	Sets the speed of auto programs (fast to slow)
Sound-Active	Snd		Sets auto programs to sound-active mode
Sound Sensitivity	SenS	u 1–u100	Adjusts internal mic sensitivity in Sound mode
RGB Color Mixing	U--	r 0–r100	Adjust red, green, and blue color levels
		g 0–g100	
		b 0–b100	
Infrared Mode	Ser	ON	On/Off setting for infrared mode for IR6 remote
		OFF	
Wireless Foot Controller	rF	OFF	On/Off setting for wireless foot control Sets channel for wireless foot control
		ON rF1–16	

UFI OPERATION

To enable wireless DMX operation via the optional UFI wi-fi transceiver:

- 1) Set the KWIK-GIG starting DMX address
- 2) Set the UFI sending/receiving channel
- 3) Attach the UFI to the KWIK-GIG USB port
- 4) Use Dipswitch 5 to select UFI send or receive mode.



MASTER/SLAVE OPERATION (via DMX cable)

When multiple KWIK-GIG units are used together, Master/Slave mode enables the assignment of one master unit and multiple slave units. The master unit can be operated in stand-alone mode or by the wireless footswitch. The slave units should all be set to slave mode.

Note: Slave units should be configured and connected before linking to master unit

Setup as below:

SLAVE UNITS:

Press MENU button until **3-CH** or **15CH** is displayed
 Press ENTER
 Set DMX address to **d 1**
 Connect DMX cable from master unit to DMX In connector
 Link following slave units in similar cable configuration

MASTER UNIT:

Set to Auto or Sound-Active mode
 Link to slave units, beginning from the master DMX Out connector

INFRARED (IR6) REMOTE CONTROL OPERATION

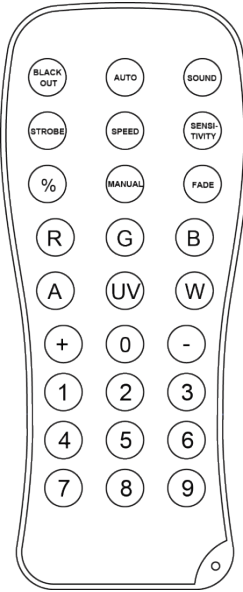
The IR6 infrared controller enables remote control of the KWIK-GIG.

To pair the IR6 to the KWIK-GIG, follow these steps:

1. Press MENU button until Ser is displayed
2. Press ENTER
3. Press UP or DOWN to turn infrared operation ON or OFF
4. Press ENTER

IR6 BUTTON FUNCTIONS

- AUTO** : Run auto programs
FADE : Fade auto programs
SPEED : Enable speed adjustment of auto programs
+ / - : Increase / decrease speed of auto programs
- SOUND** : Activate sound-active mode
SENSITIVITY : Enable sound sensitivity adjustment
+ / - : Increase / decrease sound sensitivity
- MANUAL** : Enable static color selection
0-9 : Select static colors
R : Select red
G : Select green
B : Select blue
+ / - : Increase / decrease output of each color
- %** : Enable adjustment of total light output level
+ / - : Increase / decrease total light output
- STROBE** : Enable adjustment of strobe rate
+ / - : Increase / decrease strobe rate
STROBE : Press again to turn off strobe
- BLACKOUT** : Turn off all light output
BLACKOUT : Press again to exit blackout mode
- Note:** : If IR6 remote is not responding, press BLACKOUT to confirm that blackout mode was not mistakenly activated



15-CHANNEL MODE DMX FUNCTION CHART

Channel	Function	Value	Percent/Setting
1	Control Mode	000 - 009	RGB Color Mixing
		010 - 029	Auto Program 1
		030 - 049	Auto Program 2
		050 - 069	Auto Program 3
		070 - 089	Auto Program 4
		090 - 109	Auto Program 5
		110 - 129	Auto Program 6
		130 - 149	Auto Program 7
		150 - 169	Auto Program 8
		170 - 189	Auto Program 9
		190 - 209	Auto Program 10
		210 - 229	Auto Program 11
		230 - 249	Auto Program 12
250 - 255	Sound -Active mode		
2	Dimmer	000 - 255	Dimmer 0 - 100%
3	Strobe	000 - 009	No Function
		010 - 255	Speed (slow -> fast)
	Auto Speed	000 - 255	Auto Speed (slow -> fast)
	Sound Sensitivity	000 - 010	Sound Sensitivity OFF
011 - 255		Adjust Sensitivity	
4	Red	000 - 255	0-100%
5	Green	000 - 255	0-100%
6	Blue	000 - 255	0-100%
7	Red	000 - 255	0-100%
8	Green	000 - 255	0-100%
9	Blue	000 - 255	0-100%
10	Red	000 - 255	0-100%
11	Green	000 - 255	0-100%
12	Blue	000 - 255	0-100%
13	Red	000 - 255	0-100%
14	Green	000 - 255	0-100%
15	Blue	000 - 255	0-100%

3-CHANNEL MODE

1	Red	000 - 255	0-100%
2	Green	000 - 255	0-100%
3	Blue	000 - 255	0-100%

OPERATING MODE PRIORITY RANK

Higher priority control modes override lower priority modes

1. UFI
2. DMX (wired)
3. Infrared (IR6 remote)
4. Manual (onboard menu)

STAND-ALONE OPERATION

PRESET COLOR MODE

Press MENU button until **C--** is displayed
 Press ENTER
 Press UP or DOWN to select **C1 - C7**
 Press ENTER

AUTO PROGRAM MODE

Press MENU button until **Auto** is displayed
 Press ENTER

SELECTING PROGRAM SPEED

Press MENU button until **S--** is displayed
 Press ENTER
 Press UP or DOWN to select speed
 Press ENTER

SOUND-ACTIVE MODE

Press MENU button until **Snd** is displayed
 Press ENTER

ADJUSTING SOUND SENSIVITY

Press MENU button until **Sens** is displayed
 Press ENTER
 Press UP or DOWN to adjust mic sensitivity
 Press ENTER

RGB COLOR MIXING MODE

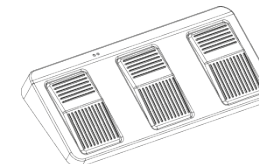
Press MENU button until **U--** is displayed
 Press ENTER to scroll to each color setting for red, green, and blue
 Press UP or DOWN to adjust RGB output (**r---**, **g---**, **b---**)

WIRELESS FOOTSWITCH OPERATION

Foot pedals allow instant activation of preset colors, auto programs and sound-active mode. The footswitch has a maximum range of 15 meters.

To pair the footswitch to the KWIK-GIG, follow these steps:

1. Power on the KWIK-GIG
2. Power on the footswitch
3. Press MENU button until **rF** is displayed
4. Press ENTER
5. Press MENU button until **Auto** is displayed
6. Press ENTER
7. Set DIP switches on the footswitch to match the **rF** setting
8. Follow below table for pedal functions



Pedal	Action	Functions
1 (Static Colors)	Tap pedal to initialize, then tap again to select colors and auto programs	White
		Red
		Green
		Blue
		Yellow
		Magenta
		Cyan
		Auto Mode (instant) Auto Mode (fade)
2 (Sound-Active/Strobe)	Tap pedal	Enter Sound Mode
	Hold pedal	Strobe Mode
	Tap pedal again	Strobe Off
3 (Blackout)	Tap pedal	Black out Fixtures
	Hold pedal	Fade to Blackout
	Tap again / Hold again	Turn off Blackout / Fade from Blackout