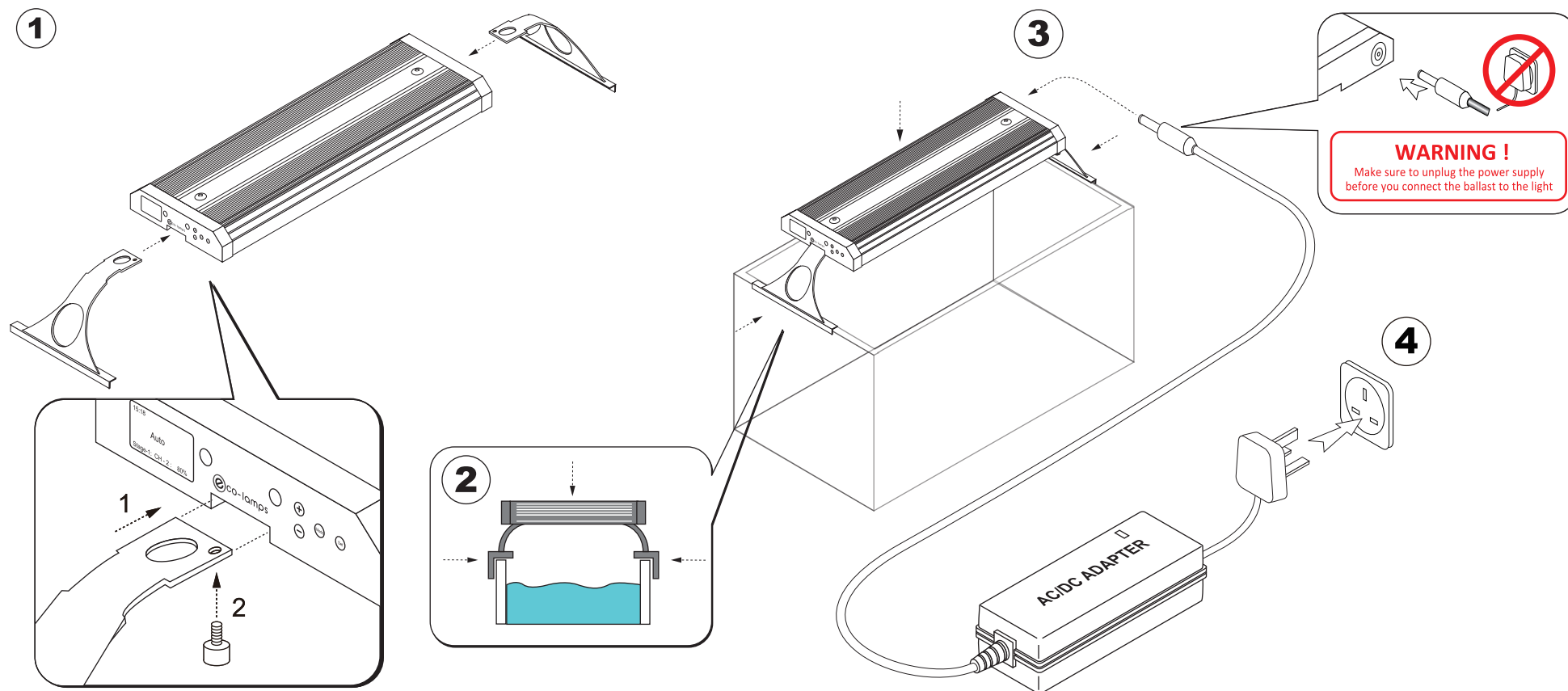


Installation method 1. Adjustable width tank mounts



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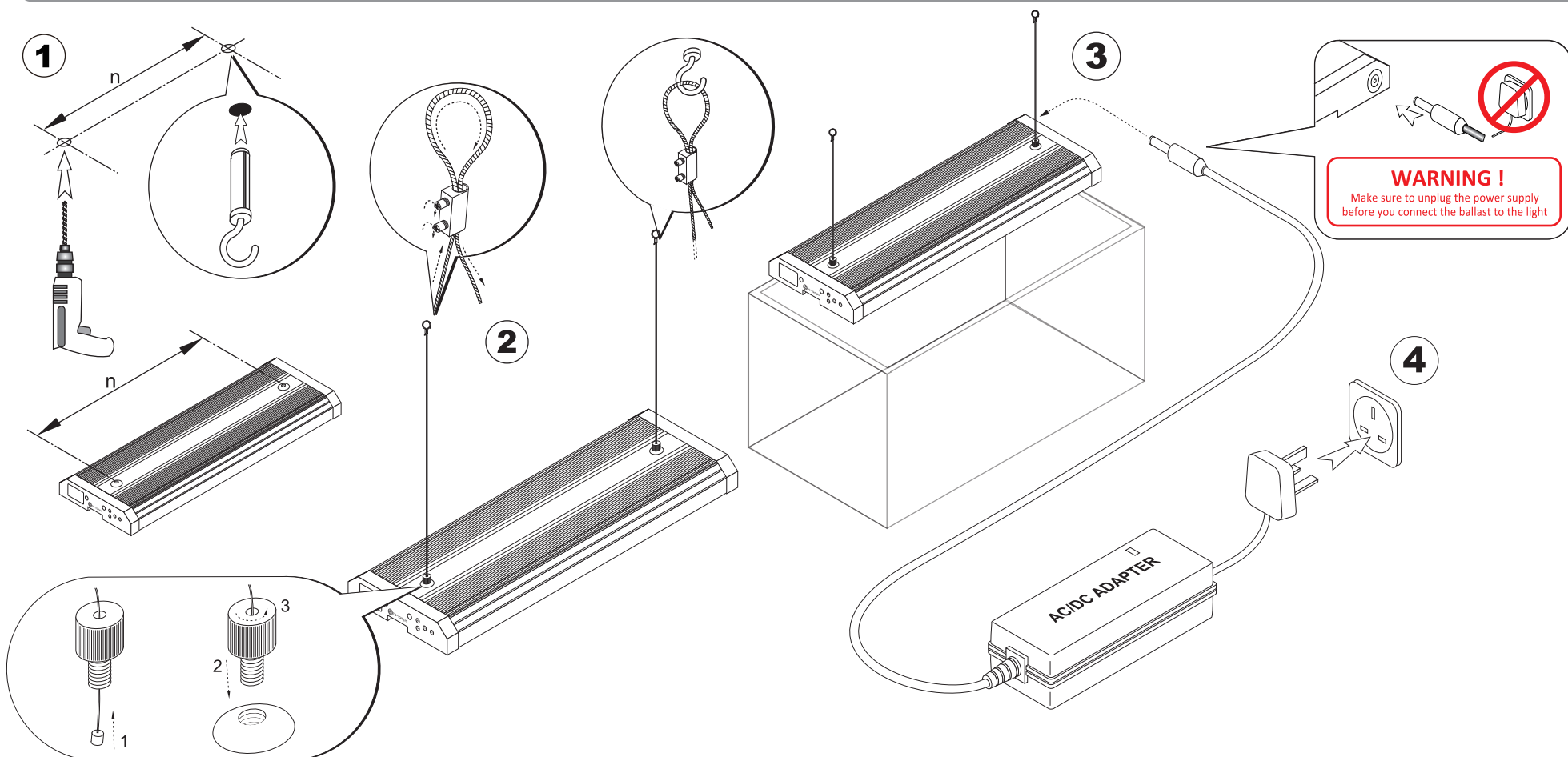
KR90

User Guide



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Installation method 2. Ceiling mounts



FEATURES

- Heat is radiated away from water
- Fluorescent light / Metal Halide replacement
- Reliable, advanced and efficient aquarium illumination
- Specific LED light penetration
- Long life time, energy saving

SAFETY INSTRUCTIONS

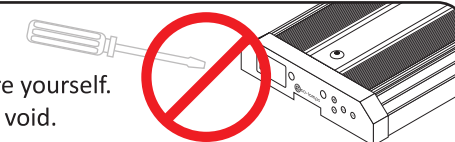
- Make sure the power cord meets all relevant local safety standards
- Place the light near a wall outlet where the power cord can be easily unplugged
- Do not let the power cord become damaged or frayed
- Do not place the light near heaters
- Do not extend the wire. Doing this might affect the operation of the light
- Do not expose to direct sunlight or excessive heat

⚠ WARNING

- To prevent electrical shock, make sure you have unplugged the power cord from the electrical socket before cleaning the light
- To avoid electric shock, please do not touch the cord with wet hands

⚠ CAUTION

DO NOT attempt to service the fixture yourself.
Doing this may render this warranty void.

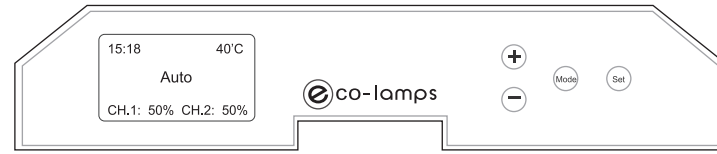


USER'S GUIDE

KR90/KR90DR/KR90FW
(Version 1.60E)

Control panel overview

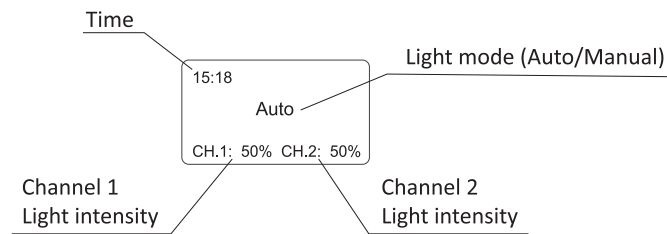
The KR90 / KR90DR / KR90FW control panel keys



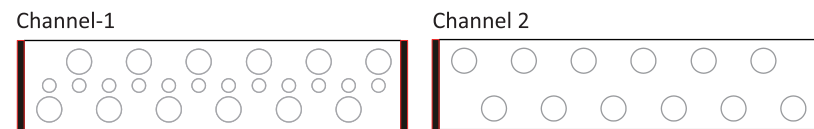
1. Four functional keys

- **+** or **-** Press to scroll through the menus and options
- **Mode** Use this key to go through the menus and select light mode
- **Set** Use this key to confirm or enter

2. OLED display



3. Light Channel



4. Light Menu

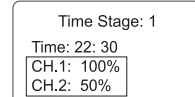
Menu

- Auto mode setup
- Manual mode setup
- Demo mode
- Thunder mode
- Lightning effects
- Lunar cycle function
- Set clocks
- Information

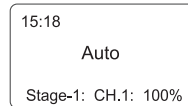


a. Auto mode setup

Time stage: 1
eg. Press set to enter and set the begin time of stage 1 and intensity of Ch.1 & Ch.2.

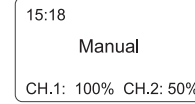
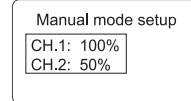


- Time stage: 2
Time stage: 3
Time stage: 4
Time stage: 5
Time stage: 6
Time stage: 7
End > eg. Press set to enter and set the end time



b. Manual mode setup

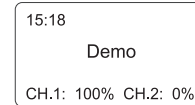
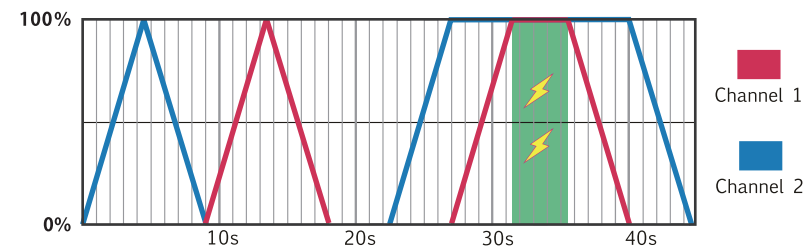
Press set to enter and set the intensity of Ch.1 & Ch.2.



c. Demo mode

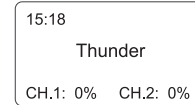
Demo mode cycle will keep repeating.

1. **Channel-2** 0% → 100% → 0% (9s)
2. **Channel-1** 0% → 100% → 0% (9s)
3. **Channel-2** 0% → 100% (4.5s)
4. **Channel-1** 0% → 100% (4.5s)
5. **Lightning** (4s)
6. **Channel-2** 100% → 0% (4.5s)
7. **Channel-1** 100% → 0% (4.5s)



d. Thunder mode

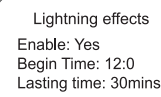
The fixture will constantly produce lightning.



e. Lightning effects

Press set to turn ON/OFF the lightning effects in Auto mode.

Press set to set the begin time and lasting time of the lighting.

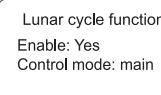


f. Lunar cycle function

Press set to turn ON/OFF the lunar cycle function.

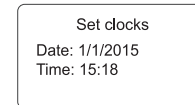
*Control mode: main / slave,

If you select the light control mode to slave, the light will controlled by the main light.



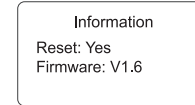
g. Set clock

Press set to set the date and time.



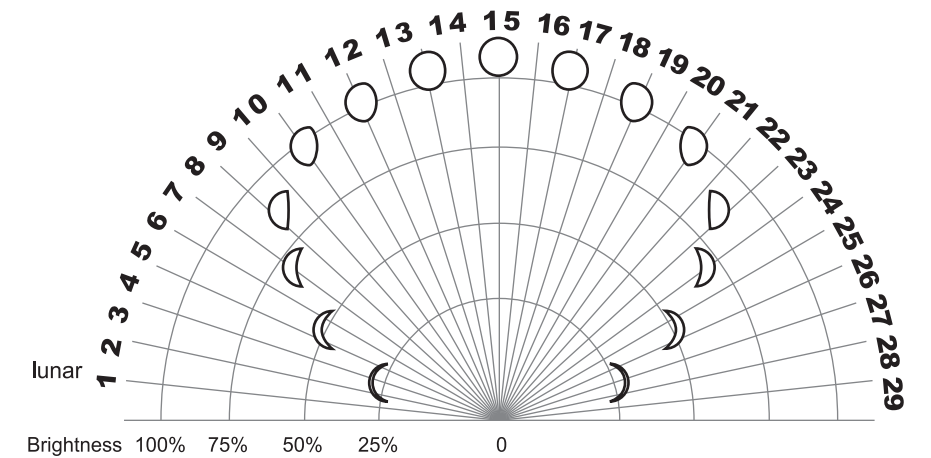
h. Information

Press set to reset the light to the factory defaults and check the firmware of the light eg. V1.6.



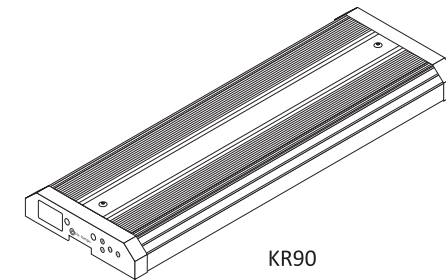
5. Lunar cycle function

KR90 feature an advanced programmable controller that simulates the natural cycle of the sun and moon, creating a stunning way to show off your setup

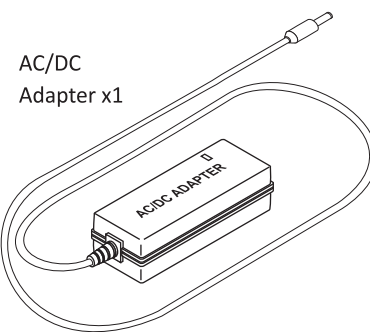


Moonlight cycle
Fixed 29 day cycle on the Moonlight

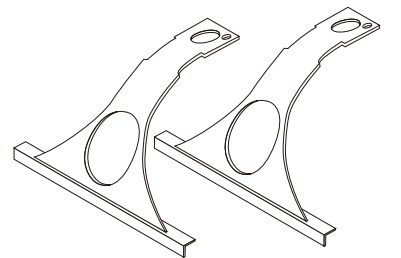
ACCESSORIES



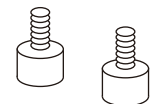
User Guide



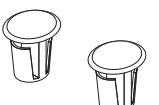
AC/DC
Adapter x1



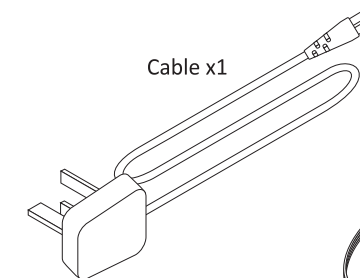
Tank bracket x2



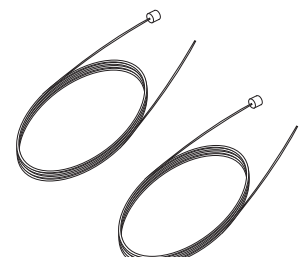
Tank bracket
fixing screw x2



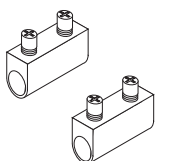
Plug x2



Cable x1



2M Wire x2



Wire fixer x2