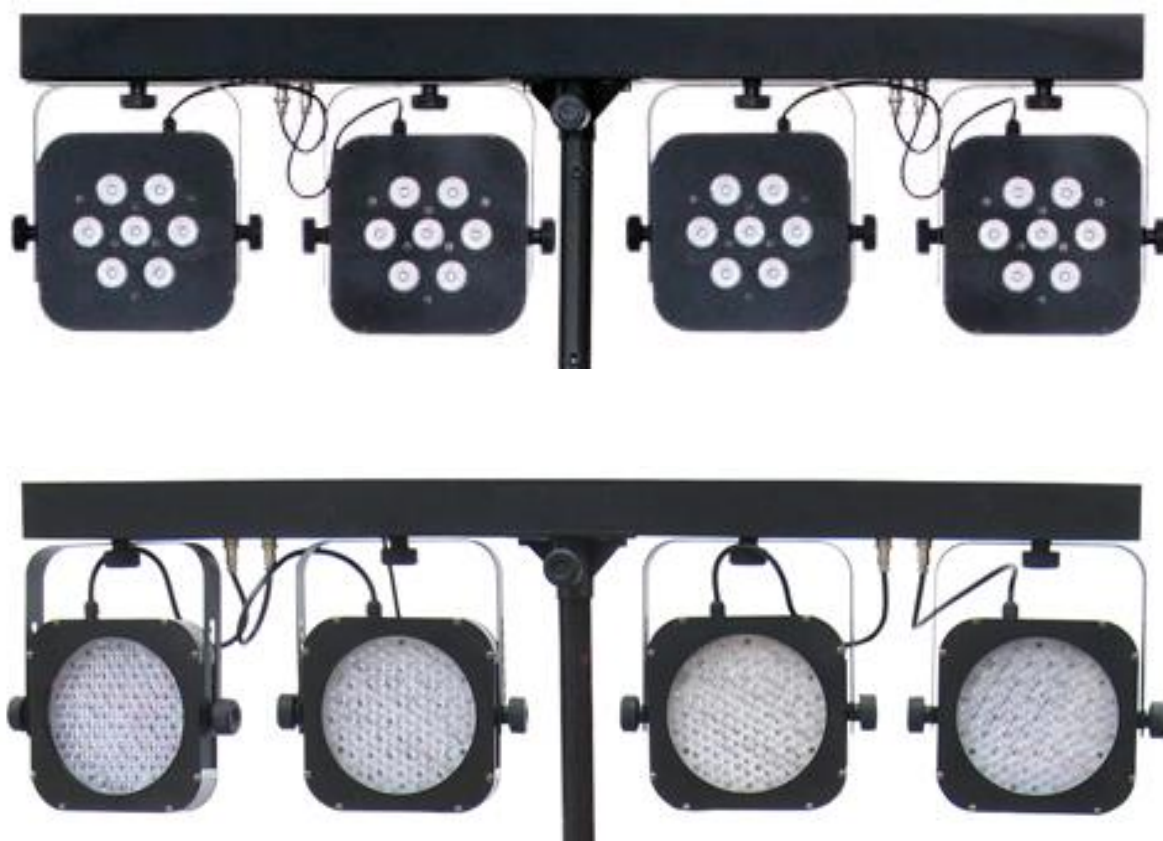


AURA

ComPar KIT 1 & 2 DMX LED light set



User manual

Safety precautions

WARNING: This unit may cause serious injury to the eyes when used incorrectly. It is therefore strongly advised to read this user manual carefully, to get familiar with the functions of this device.

WARNING: This unit must be operated by, or under the supervision of an adult. This device is not suitable for children.

WARNING: Do not look directly into the beam from a short distance. This may cause serious injury to the eyes. Ayra is not responsible for any injuries caused by incorrect use of this device.

Installation requirements:

- Always check the power supply to which you want to connect the device. If the voltage requirements do not meet, do not connect the device as this may cause serious damage.
- This device must be installed by a professional technician, in a standing or hanging position. Hanging installation is only approved with the use of proper hooks.
- When installed in a hanging position above your audience, this unit **MUST** be secured by using a safety cable, capable of holding 10x the weight of this device.
- The unit is designed to be installed in a hanging position with a halfcoupler or G-clamp, by using the screw knobs at the top of the unit.
- Make sure there are no flammable objects in the direct environment of the device.
- Do not block the beam-exit of each projector
- Keep a minimum distance of 0.25 meter from any walls to provide sufficient cooling.
- Make sure the beam-exit is not blocked by any objects in the near environment.
- Always use the included power supply. Contact your local dealer for a replacement unit if necessary.

Maintenance and protection

- Keep the unit away from dusty environments, as this may have negative effects on the cooling and optics. Clean the optics with a small, soft brush and vacuum cleaner when needed. Clean the housing of the unit with a damp cloth. **WARNING:** Always disconnect the unit from the power supply when cleaning the unit. Reconnect the unit only when any moist on the fixture has evaporated completely.
- Do not switch the power on and off frequently, as this may cause serious damage to the unit.
- Avoid heavy shocks and collision during transport and use, as this may cause damage to the LED light source, electronic circuit, optics and housing.
- Keep the device away from moisture, rain, water or any liquids as this may cause a short circuit and/or electric shocks. If any liquid enters the unit, power supply or housing of the unit, disconnect the unit immediately and do not reconnect the power supply. Contact your local dealer or technician to inspect the unit for any damage.

Box contents

Box contents

1x Ayra ComPar Kit 1 or 2
1x lighting stand
1x foot controller with connection cable
1x padded case for ComPar Kit 1 or 2
1x lighting stand case
1x power cable (IEC – Schuko)

Unit and accessory inspection

- Always use the supplied power cable to connect the unit to a power supply. If the cable appears broken or has visible damage, do not use it.
- If the unit is not going to be used for a longer period of time, disconnect it from the power supply and store it in a dust-free environment.
- Always check the unit for possible damage before use. If you suspect that something is wrong with the unit, do not connect it to a power source! When you suspect that your unit is broken or damaged, contact your local dealer or a certified technician to inspect the unit.
- When your device does not generate any light, do not look directly into the lens. When the fixture suddenly produces a beam, it may cause injury to your eyes.



Device overview



1. Beam output
2. System base with electronics
3. Bracket adjustment (for each projector)
4. Detachable screw knobs, suitable for G-clamps or bolts
5. Ventilation slots
6. DMX in- & output (XLR 3P male/female)
7. Footswitch output
8. Built-in microphone
9. Control display with menu buttons
10. IEC power inlet with integrated fuse holder
11. Lighting stand
12. Stand adapter with screw knob (integrated in system base)

Setting up the unit

The ComPar KIT series comes with a practical lighting tripod stand. Extract the feet of the stands until they are fully extended. Pull the distance tube out until you reach a proper install height and tighten the knob. Use the included safety pin to ensure that the stand will not be able to slide down. Place the ComPar KIT bar on the stand. To activate the unit, connect the included power supply to the unit and a suitable 230V, 50 Hz power outlet. The unit will activate directly after it is plugged in to a wall outlet or other power source.

The status of the fixture is shown on the display. Certain values determine the current status and will change when you push buttons on the control panel. The buttons each have their own function, for easy navigation in the control panel.

Display codes:

| display | Mode | Function | Description |
|-------------|---------------------|--|--|
| ADDR | DMX address setting | A001-A512 | Set the DMX start address by choosing a value between 1 and 512. |
| CHND | Channel mode | 1 channel mode 3 channel mode 7 channel mode 12 channel mode 16 channel mode | Select the DMX channel mode, which will determine how many channels the unit will fill on your DMX controller. More channels = more specific functionality |
| SLND | Slave mode | Slave 1, Slave 2 | NOTE: Only possible by connecting two ComPar KIT units with each other by 3p XLR cable. Set the unit to Slave 1 (sync) or Slave 2 (mirrored) mode |
| SHND | Show mode | Show 1 - Show 8 | Select any internal automatic show for stand-alone applications |
| SOUN | Sound mode | Sound on/off | Activate or deactivate the internal microphone and the music-controlled mode |
| SENE | Sound sense | Sound sense 0-100 | Select the sensitivity of the internal microphone, for the sound-active mode |

| | | | |
|-------------|---------------------|-----------------------------|---|
| BLND | Black out mode | LED mode, YES – NO | Activates or deactivates the beam output for the LED projectors |
| DISP | Display inversion | Display Inversion,ldsp-dspl | Inverts the display, when the unit is used upside-down as large floorspot with floor stands. This makes it easier to read certain display statuses. |
| TEST | Test mode | Self test | Self-test program, projects all colours separately. This makes it possible to check if there are defect LED modules. |
| Hour | Using time of light | Fixture hours,0 ~ 9999 | Displays the run time of the fixture. Used by rental companies to determine service/maintenance intervals. |
| UERS | version | Software version,Ver XXX | Firmware software version, not upgradeable by users |

Foot controller features:

| | | | |
|----------|--|--|--------------------------|
| Blackout | Blackout the unit | | |
| Function | Strobe | Select color | Select Show |
| | 1. Synchronous strobe in white 2. Sound strobe in white 3. Sound strobe in color | 1. Red 2. Green 3. Blue 4. Red + Green 5. Red + Blue 6. Green + Blue 7. Red + Green + Blue 8. Color change by sound | 1 – 8 |
| Mode | Sound (LED OFF) | Manual Color (LED ON) | Show (LED slow blinking) |

Working modes:

Stand-alone (automatic): Select one of the internal programs, which will activate and run in a continuous loop.

Music controlled mode (sound-active): Activate the internal microphone by using the display and set the right sensitivity for optimal music-controlled shows. Select one of the predefined shows. The show will change step by step when sound is detected.

Master/slave mode (sync-mode): Connect two or multiple ComPar KIT systems with a standard 3p male to 3p female XLR cable. The first system will act as a master fixture, the second system will mimic the actions of the first system, thus creating synchronized effects.

To ensure that this function works properly, use the DMX OUT connector of the first system and the DMX IN connector of the second system. Set the second system to Slave 1 or Slave 2 mode (synchronized or mirrored mode). Connecting more than 1 slave is possible, with a maximum of 16 units.

DMX mode: The most extended working mode, as this function gives you the ability to control the system with a standard DMX-512 controller, using the 3p DMX in- and outputs. Select one of the several channel modes and set the right starting address. After this, you have full control over the system with your DMX controller.

This unit has the following DMX-channels and DMX-values:

1 Channel Mode

| | | |
|------------|--------------|---|
| CH1 | Chase | 000-007 Blackout 008-037 Show 01 038-067 Show 02 068-097 Show 03 098-127 Show 04 128-157 Show 05 158-187 Show 06 188-217 Show 07 218-247 Show 08 248-255 Random Show 01-08 |
|------------|--------------|---|

3 Channel Mode

| | | |
|------------|-------|-----------------------|
| CH1 | Red | 000-255 Dimmer 0-100% |
| CH2 | Green | 000-255 Dimmer 0-100% |
| CH3 | Blue | 000-255 Dimmer 0-100% |

7 Channel Mode

| | | |
|------------|-------------|--|
| CH1 | Red | 000-255 Dimmer 0-100% |
| CH2 | Green | 000-255 Dimmer 0-100% |
| CH3 | Blue | 000-255 Dimmer 0-100% |
| CH4 | Dimmer | 000-255 Dimmer 0-100% |
| CH5 | Strobe | 000-007 No function 008-247 Strobe slow to fast 248-255 Sound strobe |
| CH6 | Color chase | 000-007 Manual 008-022 Color chase 1 023-037 Color chase 2 038-052 Color chase 3 053-067 Color chase 4 068-082 Color chase 5 083-097 Color chase 6 098-112 Color chase 7 113-127 Color chase 8 128-142 Color chase 9 143-157 Color chase 10 158-172 Color chase 11 173-187 Color chase 12 188-202 Color chase 13 203-217 Color chase 14 218-232 Color chase 15 233-247 Color chase 16 248-255 Stand alone |
| CH7 | Speed | 000-007 Hold 008-255 Speed slow to fast |

12Channel Mode

| | | |
|------|---------|-----------------------|
| CH1 | Red 1 | 000-255 Dimmer 0-100% |
| CH2 | Green 1 | 000-255 Dimmer 0-100% |
| CH3 | Blue 1 | 000-255 Dimmer 0-100% |
| CH4 | Red 2 | 000-255 Dimmer 0-100% |
| CH5 | Green 2 | 000-255 Dimmer 0-100% |
| CH6 | Blue 2 | 000-255 Dimmer 0-100% |
| CH7 | Red 3 | 000-255 Dimmer 0-100% |
| CH8 | Green 3 | 000-255 Dimmer 0-100% |
| CH9 | Blue 3 | 000-255 Dimmer 0-100% |
| CH10 | Red 4 | 000-255 Dimmer 0-100% |
| CH11 | Green 4 | 000-255 Dimmer 0-100% |
| CH12 | Blue 4 | 000-255 Dimmer 0-100% |

16 Channel Mode

| | | |
|------|---------|-----------------------|
| CH1 | Red 1 | 000-255 Dimmer 0-100% |
| CH2 | Green 1 | 000-255 Dimmer 0-100% |
| CH3 | Blue 1 | 000-255 Dimmer 0-100% |
| CH4 | Red 2 | 000-255 Dimmer 0-100% |
| CH5 | Green 2 | 000-255 Dimmer 0-100% |
| CH6 | Blue 2 | 000-255 Dimmer 0-100% |
| CH7 | Red 3 | 000-255 Dimmer 0-100% |
| CH8 | Green 3 | 000-255 Dimmer 0-100% |
| CH9 | Blue 3 | 000-255 Dimmer 0-100% |
| CH10 | Red 4 | 000-255 Dimmer 0-100% |
| CH11 | Green 4 | 000-255 Dimmer 0-100% |
| CH12 | Blue 4 | 000-255 Dimmer 0-100% |
| CH13 | Dimmer | 000-255 Dimmer 0-100% |

| | | |
|-------------|-------------|--|
| CH14 | Strobe | 000-007 No function 008-247 Strobe slow to fast 248-255 Sound strobe |
| CH15 | Color chase | 000-007 Manual 008-022 Color chase 1 023-037 Color chase 2 038-052 Color chase 3 053-067 Color chase 4 068-082 Color chase 5 083-097 Color chase 6 098-112 Color chase 7 113-127 Color chase 8 128-142 Color chase 9 143-157 Color chase 10 158-172 Color chase 11 173-187 Color chase 12 188-202 Color chase 13 203-217 Color chase 14 218-232 Color chase 15 233-247 Color chase 16 248-255 Stand alone |
| CH16 | Speed | 000-007 Hold 008-255 Speed slow to fast |

Installation and maintenance

Installing the system in a standing position (right side up)

The ComPar KIT 1 and 2 are equipped with a 35 mm stand adapter, which makes it possible to position the system on a standard loudspeaker or lighting stand. A screw knob is attached to the adapter, used to tighten the system so it is unable to turn around. This also prevents unwanted rattle noise caused by speaker vibrations, and possible instability as tube diameters of stands may always vary slightly.



Installing the fixture in a standing position (inverted)

It is possible to use the LED projectors as a floor spot system, for example when you want to use them for uplighting purposes. For this feature, use the screw knobs at the top of the system and mount a floor stand on each side (not included). Invert the display status by using the menu option, for easy reading of values. After this, flip the system and position the bar as you wish.



NOTE: You may need to replace the screw knobs for standard bolts, as the height of floor stands may vary.

Installing the fixture in a hanging position

When installing the system in a hanging position (for example, on a truss construction), detach the screw knobs and install proper G-clamps (not included).

NOTE: When installing the system in a hanging position, the following list of safety precautions must be met:

- Use at least two hanging points (clamps), for optimal stability and safety.
- Use at least one (recommended amount: 2) safety cable(s), capable of holding 3x the weight of the system. Safety cables must be installed in such a way that it is impossible for the system to fall down when one of the two mounting points breaks.
- It is prohibited to install the system by using only safety cables or chains!

Warranty is void when any of the above safety precautions is not followed. Ayra can not be held responsible if any damage or injury occurs due to improper use of the system.

Transport

When using this fixture in mobile setups, provide sufficient protection during transport. Always use the provided transport bags to protect the system and included lighting stand.

Replacing the internal fuse

First check whether a failing power supply may be the cause of malfunction. When you suspect that the internal fuse is broken, the fuse can be replaced by removing the fuse cover, located directly below the power inlet.

WARNING: Before changing the fuse, always disconnect the fixture from your wall outlet or any other power supply to prevent electric shocks.

Always replace a broken fuse with a fuse that has the same type and rating. After the fuse has been replaced, always close the fuse-cover. Reconnect the fixture to your power supply and check whether the problem is solved. When this does not solve your problem, contact your local dealer for help.

Spare parts

This unit has no user serviceable parts inside. When any damage to internal components occur, contact your local dealer or a specialized technician in order to repair the fixture.

Cleaning:

Clean the housing of the fixture frequently with a damp cloth, to remove dust and/or dirt. **WARNING:** Always disconnect the fixture from your wall outlet or other power supply and let the fixture dry before reconnecting it. This prevents possible electrical shocks.

The lenses can be cleaned with a non-aggressive glass cleaning solution, but is not recommended. Ayra recommends to clean the mirror and lens with a fine brush, while removing dust and/or dirt with a vacuum cleaner. Avoid touching the lenses with your bare fingers, to prevent fingerprints on the optics.

Checkup

To prevent dangerous situations, make sure your fixture is in optimal condition before using it. Check your fixture frequently by using the following checklist:

- All screws must be mounted tightly.
- Check all screws and metal parts for corrosion. No visible corrosion may be present.
- The exterior of your fixture must be in optimal condition. Check your fixture for dents, cracks or missing parts.
- Your installation spot must be in optimal condition. Check your installation spot for corrosion, cracks, dents and strength.
- Electrical components (connectors and cables) must be in optimal condition. Any form of damage (cuts, exposed wire cores or any other visual deformities should not be present.

If any visual or mechanical damage is detected, contact your local dealer or a specialized technician. Do not use a damaged or failing fixture.

Connectors and wiring schematics:

DMX-connections:

DMX-output

XLR mounting-socket:



- 1: Ground
- 2: Signal (-)
- 3: Signal (+)


DMX-input

XLR mounting-plug:



- 1: Ground
- 2: Signal (-)
- 3: Signal (+)

Electrical wiring:

| Cable | Pin | International |
|--------------|---------|---|
| Brown | Live | L |
| Blue | Neutral | N |
| Yellow/Green | Earth |  |

Technical specifications

- Compact lighting system
- Equipped with four projectors
- Projectors individually adjustable
- Colourful light effects thanks to RGB LED light source
- Automatic, sound active, master-slave and DMX working modes
- Two selectable 'Slave' modes
- Microphone sensitivity digitally adjustable for sound active mode
- Several DMX channel modes (1, 3, 7, 12 or 16 channels)
- LED-display with menu buttons
- Display invert
- IEC power inlet
- Screw knobs at the top
- Integrated stand adapter with screw knob
- Included foot control, for easy light show control by musicians and DJ's
- Included lighting stand, for easy plug-and-play setups
- Included transport bag for the system + lighting stand for optimal safety and convenience during transport and storage
- Power requirements: 110 – 230V AC, 50/60 Hz
- Power consumption: 80W
- Total weight: 10.5 kg

LED Light source:

ComPar KIT 1: 145x 10mm LED (49R,48G,48B) for each projector (50.000h estimated lifespan)

ComPar KIT 2: 7x 9W Tri-Color RGB LED modules for each projector (50.000h estimated lifespan)

Projector features:

- Four separate projectors on each system
- equipped with ventilation slots for optimal cooling and long lifespan
- wide angle manual pan and tilt for each projector individually, for optimal beam adjustment
- solid cable from every projector to the main bar

Connectors:

- DMX: 3p XLR male and female
- Power: IEC power connector
- Foot controller: 5p XLR

Included accessories:

- 1x lighting stand
- 1x foot controller with connection cable
- 1x padded case for ComPar Kit 1 or 2
- 1x lighting stand case
- 1x power cable (IEC – Schuko)