

SMARTFACE 712EC

Model:DM712EC



The DOUBLE-SIDED designed SMARTFACE 712EC is an ultra compact and light weight stylish moving head WASH+STROBE light (2 Faces). Face 1 features 7*12W 4-IN-1 RGBW LEDs+60*0.2W 3-IN-1 RGB LEDs. It's available for 2800K-5600K color temperature adjustment. With the unique and creative exceptional luminaire surround the main lens, it helps to generate complex graphic effects. It can be used alone or in combination with the main LEDs. Face 2 features 246*0.2W 5050 3-IN-1 RGB LEDs which is designed with 9 individual rings. It's available for 2800K-5600K color temperature adjustment. The fixture could be used not just only as a wash light (specially moving face light) but also as a remarkable moving strobe light.

It provides 360° continuous fast and smooth PAN/TILT movement with variable speed which delivers even more vivid visual effect to the show. The fixture supports DMX, RDM (Remote Device Management).

It features excellent color mixing, quiet running and flicker free control. The fixture is built in with different internal dynamic effect with variable speed. The moving head also features optimum optic design integrated with extremely effective aluminum heat sink system.

The fixture's exterior housing is beautifully balanced basing on a modern design philosophy with supremely harmonious interior structure for remarkable control. The sculpted body of the SMARTFACE 712EC achieves more than just a striking look. The 2*1/4 turn fastening omega clamps, available for vertical and horizontal plug-in, make installations fast and easy.

The SMARTFACE 712EC is designed for applications as concerts, TV studios, banquet halls, bars, pubs, DJ entertainment, ballrooms, etc.

Light Source

Source:
Face 1:
7*12W 4-IN-1 LEDs (RGBW)
60*0.2W 3-IN-1 LEDs (RGB)
Pixel mapping capability for the exceptional luminaire
Face 2:
246*0.2W 5050 3-IN-1 LEDs (RGB)
9 Individual control rings
Flicker free operation for broadcast TV and FILM
Life Span: 50000H
The life span may vary depending on several following factors but not limited to: Environmental Conditions, Power/Voltage, Usage Patterns (On-Off Cycling), Control, and Dimming)

Optics

Face 1:
High efficiency optic system
25°Beam angle (other angles optional)
35°Field angle
Face 2:
120°Field angle
High output

Movement

PAN: 2 modes
1. 360°Continuous movement
2. 540°(8/16 bit)
TILT: 2 modes
1. 360°Continuous movement
2. 270°(8/16 bit)
Fast, quiet, smooth
and precise 2-Phase motors
Smooth, fast and precise resolution for PAN/TILT movement with low noise operation
Scan position memory, auto reposition after unexpected movement
PAN/TILT reversible

Built-in Programs

Different built-in dynamic effect with variable speed
Different preset colors

Color System

Face 1:
RGBW for main light
Smooth and pure color mixing capability
CTO, 2800K-5600K color temperature adjustment
RGB for auxiliary light
Background colors adjustable for auxiliary light
Face 2:
RGB
Smooth and pure color mixing capability
CTO, 2800K-5600K color temperature adjustment

Strobe Effect

0-25Hz LED shutter/strobe effect with variable speed

Dimming System

0-100% Smooth linear LED dimming

Control System

9/18 DMX channels USITT DMX-512 DMX512, master-slave, sound or auto operation
DMX recorder and edit function integrated
RDM available
(Remote Device Management)
Art-NET (Optional)
Wireless receiver system built-in (Optional)
Shielded input signal protection for stable signal without interference
RJ45 etherCON IN/OUT (Optional with Art-Net)
3-Pin and 5-pin XLR DMX connectors IN/OUT

Software Update

Software up-datable through DMX connectors
Mult units up-datable in daisy chain

Display System

1.44" TFT LCD display
5 Control buttons
180°Reversible for LCD display
Display auto OFF
DMX signal and error monitoring indicators

Cooling System

Advanced low noise self-adjusting fan cooling system integrated aluminum
Constant temperature readout and management function
Over temperature protection management

Power Supply

Electronic supply with active PFC
AC100-240V 50/60Hz
PowerCON connectors IN&OUT
190W Power consumption

Housing

High tension molded fire proof housing with PA6+fibre
Skeleton made of aluminum and steel metal plates
Two side handles on base
Exterior finish: Black

Installation

2*1/4 turn fastening Omega Clamps (Adaptable vertically and horizontally)
1*Safety attachment point

Operating Condition

Operating positions: all (device on floor or fixed to a support)
-25 C to 45 C ambient temperature
IP20 protection rating

Compliance

CE
2014/35/EU - Safety of electrical equipment supplied at low voltage (LVD)
2014/30/EU - Electromagnetic Compatibility (EMC)
2011/65/EU - Restriction of the use of certain hazardous substances (RoHS)

Weight

N.W.: 7.23 kg
G.W.: 9.16 kg

Dimensions

Product Dimensions:
139(D)*297.9(W)*376.7(H)mm
Packing Dimensions:
405(D)*365(W)*295(H)mm

