

# SMARTWASH 712E

Model:MH712E



The NO-FAN designed SMARTWASH 712E is an ultra compact and light weight stylish moving head wash light featuring 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.

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 SMARTWASH 712E 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 SMARTWASH 712E is designed for applications as concerts, TV studios, banquet halls, bars, pubs, DJ entertainment, ballrooms, etc.

## Light Source

Source:  
7\*12W 4-IN-1 LEDs (RGBW)  
60\*0.2W 3-IN-1 LEDs (RGB )  
Pixel mapping capability for the exceptional luminaire  
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

High efficiency optic system  
25°Beam angle (other angles optional)  
35°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

## Color System

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

## Built-in Programs

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

## Strobe Effect

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

## Dimming System

0-100% Smooth linear LED dimming

## Control System

7/8/10/18/184 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 noise-free cooling system integrated aluminum (NO-FAN)  
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  
120W 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.: 6.82 kg  
G.W.: 8.7 kg

## Dimensions

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

