

KC20N

Multifunctional PTZ controller

4D Joystick

Real-time Preview

7-Camera Shortcuts

PTZ Control

White Balance/Exposure/Focus Control

POE

Custom Buttons

NDI|HX2



Features

■ 4D precise Joystick+3D knobs+ergonomic zoom button:

Camera parameters control such as white balance, exposure, focus and zoom etc.

■ Built-in 3-inch color screen:

Support real-time PVW of current camera viewing through up streaming (NDI|HX2 and RTSP only).

■ Support 7 cameras selection shortcuts:

7 camera shortcuts can be set quickly according to requirements; Up to 1000 cameras information can be saved.

■ **Newly upgraded UI operation interface:**

Display main parameters of cameras directly, personalize stylish interface casually.

■ **Remote control of PTZ camera menu:**

Open camera's menu quickly and combine PVW screen or image screen to control.

* This function is recommended to be used with our camera.

■ **White and red backlight silicone buttons:**

High-quality silicone, excellent touch, support white and red backlight so it can be operated smoothly in a low-light environment; support letters and common characters input and other operations such as editing camera's name and address.

■ **Support buttons lock via one click:**

Lock buttons via one click to avoid misoperation.

■ **Multiple control protocols, apply to abundant venues:**

Supports VISCA, VISCA Over IP, VISCA TCP, PELCO P/D, Onvif, and NDI® (optional) control protocols, with automatic protocol recognition.

* Additional licenses are required to upgrade the NDI function, please consult the manufacturer for details.

■ **Abundant interfaces, multiple connection methods:**

External RS-232, RS422/485 serial port and RJ45 network interface. The network interface supports POE function, thereby reducing wiring trouble.

■ **External tally interface:**

Support up to 7 tally channels.

■ **Support customizable buttons:**

Supports custom F1, F2, PVW buttons that can be tailored to the user's preferences for optimal functionality.

Specifications

Keyboard Parameters	
Joystick	4D precision Joystick
Knobs	3D knobs, support scale rotation to adjust parameters, support button function to select mode
Buttons	High-quality silicone buttons, support white and red two-color backlight
Screen	3" LCD color display
Shortcut Button	Support 7 camera shortcut button settings
Button Prompt Tone	Button sound prompt On/Off
Lock Button	Support one-key lock function
Max. Control Quantity	1000

Max.Preset Position	255
Control	
Control Interface	RJ45 (supports POE and NDI@ HX2 optional), RS-232, RS-422/485
IP Control Protocol	Onvif, VISCA Over IP, VISCA TCP, NDI@ (optional)
Serial Port Protocol	VISCA, Pelco D, Pelco P
Power Supply	
Input Voltage	12V
Input Current	0.25A
POE	802.3af
Rated Power	3W
General Specifications	
Tally	Supports up to 7 channels at most.
USB Interface	Upgrade using an external USB flash drive.
Operating Environment	Indoor
Operating Temperature	-10°C~40°C
Storage Temperature	-20°C~60°C
Dimension	(W)332*(D)136*(H)58mm (Joystick height is not included) (W)332*(D)136*(H)116mm (Joystick height is included)
Weight	0.8 kg

Technical drawings of the DJM-1000S mixer showing dimensions in millimeters (mm):

- Top View:**
 - Width: 332.00
 - Depth: 144.00
 - Control panel width: 136.00
 - Control panel height: 93.00
- Front View:**
 - Width: 332.00
 - Height: 116.00
 - Height to top of faders: 58.00
- Side View:**
 - Width: 141.00
 - Height: 58.00
 - Height to top of faders: 58.00
- Bottom View:**
 - Width: 332.00
 - Depth: 144.00
 - Distance between faders: 141.00
 - Distance between faders (inner): 93.00
 - Distance between faders (outer): 136.00
 - Distance between faders (inner): 93.00
 - Distance between faders (outer): 136.00

The diagram illustrates a video conferencing system architecture. It includes a central **Speaker Microphone** connected to a **62Series** camera via **HDMI-IN** and to a **62Series** display unit via **USB**. The **62Series** display unit is connected to a **62Series** camera via **HDMI-OUT** and to a **Network Switch** via **LAN**. The **Network Switch** is connected to the Internet (represented by a globe icon) via **LAN**. A **KC20** control unit is connected to the **62Series** camera via **RS232** and to the **Network Switch** via **LAN**. A **Display Screen** is shown displaying a video conference session.