SONY

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MSU-900
Master Set-Up Unit for BVP and HDC series cameras. Provides centralised control for a multi camera system in any studio or OB van, in a compact, horizontal panel format

When used in conjunction with the CNU-700 Command Network unit, the MSU-900 Master Set-Up Unit provides centralised set-up and control of multiple cameras. The control panel includes switches to allow direct control of the most frequently used functions, while the adoption of a colour LCD touch screen helps to simplify the operation of its sophisticated control system. The MSU also has the ability to store data such as scene files in a standard memory stick. Control of up to 6 cameras is possible, while the CNU-700 can be expanded to 12 cameras with an expansion board. Several CNU-700s can be connected together to allow a large system (up to 96 cameras) to be controlled from a single location. The MSU-900 also includes an Ethernet interface for future IP- based control systems.

Features

Multi camera control
Camera selection switches are provided to access up to 12 cameras. An "Expand" switch allows the maximum number of cameras to be increased to 96, if required.

Simple control interface
The combination of direct action switches, a touch-sensitive colour LCD panel, and digital rotary encoder controls provides a comprehensive yet intuitive control interface, requiring very little operator training.

Comprehensive Filing System
The MSU-900 includes the ability to store frequently used camera settings in scene files, which can be quickly recalled when required. Settings are stored within the camera head, and can be transferred between cameras if required. Scene files may also be stored on a memory stick for additional security.

"Standard" Button
The MSU-900 includes a "Standard" button, which quickly returns all cameras to a known, reference setting. This reference setting can also be customised by a user to suit their individual requirements, and stored in a reference file in the camera head

Controls various Sony camera types
When connected to the MSU through the appropriate Camera Control Unit (CCU), various camera types can be controlled through a single panel. The MSU-900 is compatible with BVP-E30 series and HDC-1500 series cameras, as well as the older BVP-500/550/570, BVP-E10, BVP-950 and HDC-900 series cameras.

Benefits

Provides centralised set-up and control of multiple cameras
Allows all cameras within a studio complex to be monitored and controlled from a single location

Includes powerful monitoring and diagnostics features
The diagnostics system provides automatic monitoring of system status, and camera functionality. Any faults are reported on the LCD display, and also with warning lights on the panel. A character display output provides quick visibility of all operating parameters.

Simple yet powerful user interface
Dedicated control switches provide quick, easy access to frequently used parameters, while a touch sensitive colour LCD panel provides comprehensive, but easy to use, control of all other camera functions

Expandability
The MSU-900 can control a simple studio, yet by adding more CNU-700 interface units, can be expanded to a powerful central monitoring facility for a complex studio environment

Ethernet control
An ethernet interface is provided, which will allow full integration into IP-based control systems in future.

Technical Specifications

Power requirements	100 to 240 V AC, 50/60 Hz
Current consumption	0.45A
Operating temperature	0 to 45°C
Dimensions	482(W) x 222(H) x 67(D) mm including projecting parts and controls
Weight	Approx. 4.5 kg
Maximum control cable length	200 m

Inputs/outputs	CCU/CNU: AUX: I/O port: : 8-pin connector (1) 8-pin connector (1) 50-pin (1)

Supplied Accessories

Operation manual (1) 	

Compatible Products

Control Systems

HDCU-1000

HD Camera Control Unit

HDCU-1500

HD Camera Control Unit

High Definition HDC Series

HDC-1550R

Multi format HD Camera with triax interface for Prestige Production

HDC-1000R

Multi format HD Studio Camera for Prestige Production

HDC-1500R

Multi format HD Camera with fibre interface for Prestige Production

HDC-1000

"3G Ready" HD Studio Camera

HDC-1450R

Dual format HD Camera with triax interface for Prestige Production

HDC-1450

HD Portable Camera

HDC-1400R

Dual format HD Camera with fibre interface for Prestige Production

HDC-1550

HD Portable Camera

Multi-purpose Cameras

HDC-X310

HD Multi Purpose Camera (without lens)

HDC-X310K

HD Multi-purpose Camera (with Lens)

XDCAM

PDW-F800

XDCAM HD422 Camcorder

PDW-700

XDCAM HD422 Camcorder recording HD material at up to 50Mb/s onto Dual Layer Professional Disc

Digital Cinematography

F23

Flagship CineAlta Camera supporting full 4:4:4 1920 x 1080 RGB acquisition