DEDICATED MICROS

KBS4 Keyboard

Installation and Operation Guide

NetVu CONNECTED

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Whilst every attempt is made to ensure these manuals are accurate and current, Dedicated Micros reserve the right to alter or modify the specification of the machine described herein without prejudice.

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Introduction

What is the …

KBS4 Keyboard ?

The Dedicated Micros KBS4 remote digital keyboard has been specifically designed for use with the DM NetVu Console. The keyboard allows full PTZ control with the 3-axis joystick enabling an Operator to command pan, tilt and zoom functionality. The telemetry buttons enable any telemetry features on DM or Dennard domes to be utilised whilst the majority of features on 3rd party PTZ and Dome cameras are additionally supported.

For further information, please visit the website:

www.dedicatedmicros.com

or contact customer services in your region.

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Important Safeguards

Read Instructions
All the safety and operating instructions should be read before the unit is operated and adhered to during operation. These instructions should be retained with the unit, and all warnings and cautions contained should be heeded.

Power Sources
This unit should be operated only from the type of power source indicated on the manufacturer's label.

Servicing and Repair
Do not attempt to service this unit yourself as opening or removing covers may expose you to dangerous voltage or other hazards.

Refer all servicing and repair to qualified service personnel.

Equipment
Use only attachments/accessories specified by the manufacturer.

Ventilation
Ensure unit is properly ventilated to protect from overheating.

CE

CE Mark
If this product is marked with the CE symbol it indicates compliance with all applicable directives.

Directive 89/336/EEC.

A 'Declaration of Conformity' is held at Dedicated Micros Ltd., 1200 Daresbury Park, Daresbury, Cheshire, WA4 4HS.

This product is marked with the CE symbol and indicates compliance with all applicable Directives. A "Declaration of Conformity" is held at Dedicated Micros Ltd, 1200 Daresbury Park, Daresbury, Cheshire WA4 4HS www.dedicatedmicros.com

Hereby, Dedicated Micros LTD, declares that this Analogue to IP Codec is in compliance with the essential requirements and other relevant provisions of Directive 95/5/EC.

Marking by the symbol CE indicates compliance of this Dedicated Micros product to the Electromagnetic Compatibility Directive 89/336/EEC, and the Low Voltage Directive 73/23/EEC of the European Union. Such marking is indicative that this system meets the following technical standards

- EN 61000-6-3 EMC Standard Residential, Commercial and Light Industry.
- EN 62000-3-3 Limitations of voltage changes, fluctuations and flicker in public low-voltage supply systems for equipment with rated current up to 16A.
- EN 61000-3-2 Limits for harmonic current emissions for equipment with rated current up to 16A.
- EN 50130-4 Immunity requirements for components of fire, intruder and social alarm systems.
- EN 60950 Safety of IT and similar equipment.
- EN 55022 Class A. Radiated Emissions Standard, suitable for Commercial or Residential use

Further details about these applicable standards can be obtained from Dedicated Micros Ltd, 1200 Daresbury Park, Daresbury, Cheshire WA4 4HS

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RF Interference warning

This is a class A product. In a domestic environment this product may cause radio frequency interference , in which case the user may be required to take adequate measures.

Canadian EMC statement

This product is compliant with Class A ICES-003

Note: *This Class A product meets the requirements of the Canadian Interference causing equipment regulations. Cet appareil numerique de la Classe A, respect toutes les exigencies du reglement sur le materiel brouilleur du Canada.*

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Connecting The Keyboard

Before you start

Connecting To NetVu connected products

Local Connection
The KBS4 is supplied with an RJ12 cable. All Data and Power connections are provided via this link. If connection is required over a distance greater than 5m, an additional local power supply connection is required.

Remote Connection
The KBS4 can be connected to a NetVu Console unit or a compatible DVR/Server over a distance of up to 1km, using a screened twisted pair cable. This configuration will require a breakout cable connection and a keyboard Power Supply Unit (PSU).

An Accessory kit (ref no:DM/KBC/ACC) enables remote connection using dual break out boxes and a remote PSU.

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Using The Keyboard

Button	Description	Function
DISPLAY	Live/Play	Puts the unit into Live mode
DISPLAY	Display	Not supported
HIGH LOW	High/Low	Not supported
	R/G/Y/B/P	Activates the relevant softkey function
HELP	Help	Not supported
AUDIO	Audio	Not supported
PANIC	Panic	Not supported
EVENT	Event	Display the controls and selections for Event from the most recently controlled unit
GOTO	Goto	Display the controls and selections for Go To function
COPY	Copy	Not supported
II	Pause	In Live mode – Freeze the current display window In play mode – Pause video in playback

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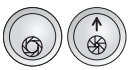
	Rewind	When in Live mode – put unit into reverse playback from current time. When in Play mode – start rewinding from the playback time. When in Rewind mode – increase speed of rewind. When in Pause – Step back one frame
	Fast Forward	When in Play or rewind mode – start fast forwarding from the playback time When in Fast forward mode – increase speed of FF. When in Pause – Step forward one frame
	Play	When in Live mode – put unit into playback at the last playback time stored. If no playback time then go back 10seconds When in FF / REW / PAUSE – Initiate play at standard speed from the elapsed time
	Numeric keypad	Entry of Camera, System, Preset and Monitor numbers.
	Preset	Switch numeric entry mode to selecting a preset. If no numerics entered – revert to Camera after 10 seconds
	System	Switch numeric entry mode to selecting a System. If no numerics entered – revert to Camera after 10 seconds
	Monitor	Not supported
	Camera	Revert numeric entry mode to selecting cameras
	Wash / Wipe	Control of telemetry functions
	Focus Far / Focus Near	Control of telemetry functions
	Iris Open / Iris Close	Control of telemetry functions
	Lamps	Control of telemetry functions
	Auto pan	Control of telemetry functions
	Patrol	Control of telemetry functions

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	Direction arrow up	Menu and on screen navigation keys
	Direction arrow down	Menu and on screen navigation keys
	Direction arrow left	Menu and on screen navigation keys
	Direction arrow right	Menu and on screen navigation keys
	OK	Menu / On screen action confirmation or enter
	Menu	Enter menus on Console or Dome if telemetry is active
	Exit	Exit menus or escape

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MI-I-KBS4/E1-0