DEDICATED MICROS

KBC1 / KBC2

Installation and Operation Guide

NetVu CONNECTED

SD

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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 are the …

KBC1 / KBC2 Keyboards ?

The Dedicated Micros KBC1/KBC2 remote digital keyboards allow products such as the SD DVR to be controlled remotely. The keyboards also include PTZ control with the 3-axis joystick on the KBC2 enabling an Operator to easily control pan, tilt and zoom functionality. The additional telemetry buttons ensure any telemetry features on DM or Dennard domes can be accessed and controlled via either keyboard. 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.

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

Servicing
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 to qualified service personnel.

Ventilation
Ensure unit is properly ventilated to protect from overheating.
All the safety and operating instructions should be read before the unit is operated.

To prevent fire or shock hazard, do not expose this equipment to rain or moisture. The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user of this equipment that there are dangerous voltages within the enclosure which may be of sufficient magnitude to constitute a risk of electric shock.

WARNING

Regulatory Notes and FCC and DOC Information
(USA and Canadian Models Only)

Warning: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at their own expense.

If necessary, the user should consult the dealer or an experienced radio/television technician for corrective action. The user may find the following booklet prepared by the Federal Communications Commission helpful: "How to Identify and Resolve Radio-TV Interference Problems".

This booklet is available from the US Government Printing Office, Washington, DC20402,
Stock No. 004-000-00345-4.

This reminder is provided to call the CCTV system installer's attention to Art. 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

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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, UK.

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Connecting The Keyboard

Before you start

Supported Dedicated Micros products

The following DM products are fully compatible with the KBC1/KBC2 keyboards

SD DVR
NetVu Console
DV-IP RT Server
High Vu

Note: *All KBC1/KBC2 connectivity is via an RJ12 cable. If connection to a 485-bus product is required (i.e. a DM NetVu connected DS2 DVR), please refer to the DM KBS3A keyboard.*

Connecting To NetVu connected products

Local Connection
Both the KBC1 and KBC2 are supplied with an RJ12 cable. All Data and Power connections are provided over this. If connection is required over a distance greater than 5 metres, an additional local power supply connection is required.

Remote Connection
Both the KBC1 and KBC2 can be connected to a DVR 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

DM/KBC1 Keyboard

DM/KBC2 Keyboard

Note: *For full unit operation instructions, please refer to the product user manual.*

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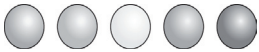
Quick User Reference

Note: *Not all buttons detailed below are relevant for both models of keyboard.*

Key	Function
	Displays the Softkeys menu if not currently on screen **(if available).** Selects the colour coded item displayed on screen.
	Toggles between Live and Playback modes.
	Removes the Softkeys from view if they are on screen. Toggles the visibility of on-screen text and status bar if no Softkeys are on screen. (For future use).
	For future use.
	Displays the Softkey options for the Audio functions (for future use).
	Forces all the cameras to record in alarm mode for three minutes, or until the button is pressed again.
	Displays the archiving options.
	Live mode - No functionality. Play mode - Starts fast forwarding from play time. Rewind mode - Starts fast forwarding from play time. Pause mode - Steps forward one frame
	Live mode - Puts unit into reverse playback from current time. Play mode - Starts rewinding from play time. Rewind mode - Increases the rewind speed. Pause mode - Steps back one frame.
	Live mode - Freezes the current display window. Play mode - Pauses video in playback.
	Live mode - puts the unit into playback using the last stored playback time.

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Displays the Events list menu.

Opens the GOTO menu.

For future use.

Toggles control from Main to Spot monitor.

Allows the numeric selection of a camera (numeric selection defaults to camera selection).

Allows entry of camera and Preset and numbers.

For future use.

For future use.

Triggers the wash function on a telemetry camera.

Triggers the wipe function on a telemetry camera.

Switches on the lamp on a telemetry camera.

Adjusts the focus to objects nearer the camera.

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Adjusts the focus to objects further from the camera.

Closes the Iris on a Telemetry camera.

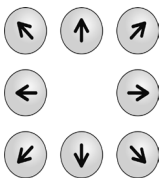
Opens the Iris on a Telemetry camera.

Zooms in on a telemetry camera and also provides electronic zoom out.

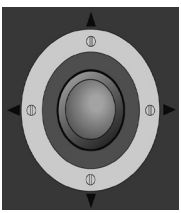
Zooms out on a telemetry camera and also provides electronic zoom in.

Sends a Patrol command to a telemetry camera.

Instructs the selected telemetry camera to automatically pan (on cameras that support this function).



Used as menu and on-screen navigation keys
Pan and tilt control for telemetry cameras.



Used as menu and on-screen navigation keys
Pan and tilt control for telemetry cameras.

In Play mode: Used to Mark Start/End positions.
In Live mode: Displays the Copy List and archive controls.

Exits menus.

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