# DX CONNEXION™

# Components Brochure

MORLEY IAS
FIRE SYSTEMS
by Honeywell

# DXc Control Panels

## DXc1

Single Loop Control Panel, 230Vac,
2 sounder circuits.

Dims 260 x 390 x 147mm (H x W x D)

**714-001-111** DXc 1 Control Panel



---

## DXc2

Two Loop Control Panel, 230Vac,
2 sounder circuits.

Dims 391.5 x 390 x 147mm (H x W x D)

**714-001-221** DXc2 Control Panel



---

## DXc4

Four Loop Control Panel, 230Vac,
2 sounder circuits.

Dims 391.5 x 390 x 147mm (H x W x D)
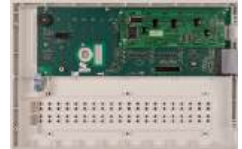
**714-001-241** DXc4 Control Panel

# Communication Cards and Zone LED Kits

## Zone LED Kits

DXc Control panels are supplied without zone LEDs. Two zone LED kits are available that include PCB, ribbon cable, zone number labels & fixings. Zone LED PCB is fitted to the lower half of the front door as shown on the right.

**795-102** 40 Zone LED kit
**795-124** 80 Zone LED kit

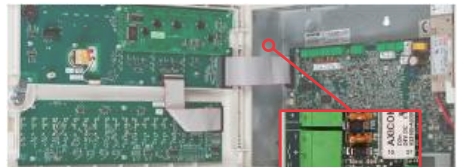rear view of front door as supplied



rear view of front door with zone LED kit fitted



## Network Card

In order to connect panels together to create a network a DXc Network card, must be fitted to each panel. The Network card is fitted to the four studs using the screws supplied to the L/H side of the control panel as shown.

**795-099** Network Card



internal view of panel

Network card kit

## RS232 Card

The RS232 Card facilitates connection to a Visualeyez Alarm Monitoring workstation.

**795-122** RS232 Card

Internal view of DXc2 panel with RS232 card fitted



RS232 Kit

# Mimics and Repeaters

## Mimic

Allows geographic 'floor map' zonal indicators to be built for situations where increased clarity of the fire location is required above that given by the standard numbered zonal indicators.

Both mimic driver and Expansion mimic cards support 16 zones and can be connected together to create up-to a 160 zone system.

**020-909** DXc Compact Mimic Driver LEDs
**020-910** DXc Expansion Mimic PCB

## Repeaters

Morley Active Repeater.

The nine LED indicators provide a quick summary of the general system status for the user. The compact design makes it very easy to install and commission the Series repeaters. The repeater's event log can store up to 150 most recent events; this also aids commissioning.

Silence, Mute, Reset, Accept, Evacuate and Test Controls. 24 Vdc supply required.
165 x 254 x 50mm (H x W x D).

**709-601-001** Morley Active Repeater

Morley Passive Repeater.

This is an indication only repeater. The back lit LCD and the common system status LED's follow the indication on the main fire alarm panel. Furthermore the passive repeater has configuration and test functions such as Lamp Test, LCD Test, and Buzzer Test.

24 Vdc supply required.
165 x 254 x 50mm (H x W x D).

**709-701-001** Morley Passive Repeater

# Accessories

## Extension Box & Covers

It is possible to increase the enclosure size of a DXc1, DXc2 or DXc4 control panel by fitting an extension box to accommodate larger batteries, relays or other equipment.

A range of covers can be purchased to suit your needs and include a blank cover, Customer key plate and 80 Zone LED expansion cover.

If additional batteries are required to support larger loop loading the EN54-4 compliant back box increases the enclosure size of a DXc2 or DXc4 to accommodate and charge an additional pair of 17Ah batteries. This modular design of the DXc allows multiple extension boxes to be fitted to the same panel delivering a system flexible enough to cope with any installation requirement. (Only one EN54-4 compliant back box can be fitted per panel).

The custom key plate cover is supplied with a removable painted metal plate, can be drilled to accept key switches or indicators and labelled accordingly by the installer. This can be used to replace the blank cover supplied with the DXc2/4 control panels or used with the extension back box





DXc 2/4 control panel supplied as standard c/w blank cover.



795-101



795-116

Front view of custom keyplate cover with metal plate removed



795-103

**795-101** Cover Kit, blank cover

**795-116** Cover Kit, custom key plate

**795-103**  DXc extension cover, comes with 80 zone LED card

**797-090** DXc extension EN54 compliant back box supplied with 2 blank covers

**795-121** Extension back box

# Key Switch Kit

DXc Control panels can be fitted with an optional key switch kit (shown on the right). It is fitted by removing the existing label and replacing with a new label supplied with the kit. The flying lead (fitted with a plug) pushes on to the two pins situated at the bottom of the main display PCB.
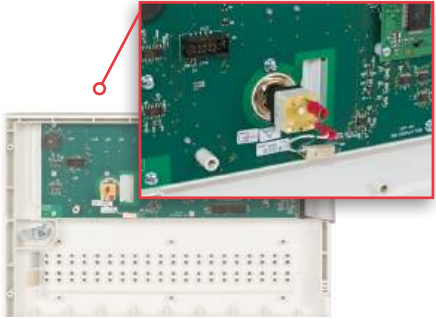


Keyswitch kit

**795-118** key switch kit



Front view showing key switch fitted



Rear view of front door with key switch fitted

# USB Upload/Download Lead

The lead provides the interface between a PC and any Morley-IAS fire alarm control panel.



**020-891** USB upload/download lead

# Flush Bezels

There are four flush mounting bezels available as follows:

- Flush bezel **795-112** fits a DXc1 panel
- Flush bezel **795-113** fits a DXc2 panel or a DXc4 panel
- Flush bezel **795-114** fits a DXc1 panel that has the additional extension back box **795-121** fitted
- Flush bezel **795-115** fits a DXc2 panel or DXc4 panel that have the additional extension back box **795-121** fitted

The external dimensions of each of the four flush mounting bezels available are as follows:

- **795-112**  Flush bezel
  342 x 471.5mm (H x W)
- **795-113**  Flush bezel
  473.5 x 471.5mm (H x W)
- **795-114** Flush bezel
  605.5 x 471.5mm (H x W)
- **795-115** Flush bezel
  737.5x 471.5mm (H x W)



# Rack Mounting Kit

There are two kits available that allow
DXc panels to be mounted in a standard 19" rack:

- **795-119** Rack mount kit fits a DXc1 panel
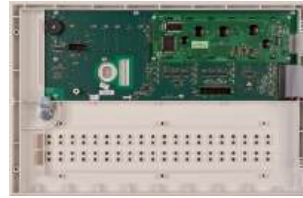- **795-120** Rack mount kit fits a DXc2 panel or
  DXc4 panel

# Spare Parts

### Replacement Door
A replacement door is available for DXc control panels. The fits all three variants of the panel, DXc1, DXc2 & DXc4 and is supplied complete with display PCB, facia label, ribbon cable and lock.

**795-104** Replacement Door

### Replacement Text Inserts Pack
A replacement text inserts pack includes all text inserts/slide-in labels including both blank and numbered labels for Zone LEDs. Pack also includes the User Reference Guide and the Quick Start Manual.

**795-108-001** Replacement Text Inserts Pack

### DXc1 Spares
• **795-106** Spare PSU **1**
• **795-109-001**  Spare Base card **2**

### DXc2 & DXc4 Spares
• **795-107** Spare PSU **3**
• **795-110-001** Spare Base card **4**
• **795-111** Spare 2 Loop expansion card (DXc4 only) **5**

# Part Number Index

| | |
|---|---|
| **714-001-111** | DXc1 One Loop Fire Alarm Control Panel |
| **714-001-221** | DXc2 Two Loop Fire Alarm Control Panel |
| **714-001-241** | DXc4 Four Loop Fire Alarm Control Panel |
| **020-891** | USB Upload/Download Lead |
| **795-099** | DXc Network Card |
| **795-122** | DXc RS232 Card |
| **795-102** | DXc 40 Zone LED Card |
| **795-124** | DXc 80 Zone LED Card |
| **795-111** | DXc 2 Loop Expansion Card |
| **795-101** | DXc Blank Cover |
| **795-103** | DXc Extension cover, comes with 80 zone LED card |
| **795-121** | DXc Extension Back Box |
| **795-116** | DXc Cover Custom Keyplate |
| **795-112** | DXc1 Bezel |
| **795-113** | DXc2/4 Bezel |
| **795-114** | DXc1 + Extension Back Box Bezel |
| **795-115** | DXc2/4 + Extension Back Box Bezel |
| **795-118** | DXc Keyswitch |
| **795-119** | DXc1 Rack Mounting Kit |
| **795-120** | DXc2/4 Rack Mounting Kit |
| **795-104** | DXc Spare Door |
| **795-106** | DXc1 Spare PSU |
| **795-107** | DXc2/4 Spare PSU |
| **795-108-001** | DXc Spare Language Text Inserts Pack |
| **795-109-001** | DXc1 Spare Base Card |
| **795-110-001** | DXc2/4 Spare Base Card |
| **797-090** | DXc EN54-4 Compliant PSU |
| **709-601-101** | Morley Active Repeater |
| **709-701-101** | Morley Passive Repeater |

For further details on these or any other Morley-IAS products please contact your local distributor, your Morley-IAS Business Manager or please feel free to contact the head office using the details provided below.

Morley-IAS by Honeywell – Providing a control panel solution, for fire industry professionals, committed to supporting our device partners.

## MORLEY IAS
### FIRE SYSTEMS
# by Honeywell