

# Honeywell D1 Fireman's Emergency Microphone

DCSF12 / DCSF1 with redundancy

The digital fireman's microphones DCSF12 and DCSF1 allow the selection of loudspeaker circuits, the transmission of voice announcements as well as various gongs and alarms. The call station is connected to an available DAL (Digital Audio Line) databus on the DOM (Digital Output Module) via a fire rated Cat5 cable. All control signals as well as all audio signals are transmitted digitally. The digital fireman's handheld microphone can be connected to the system by single, or dual redundant cabling. This functionality can be programmed by the D1 Designer programming tool.

Up to 4 digital fireman's microphones can be connected to one DOM. Each fireman's microphone in the system can generate and receive different voice transmissions and control signals independently. A digital fireman's microphone can be located up to 300 m away (can be increased to 20 Kilometres by using fibre-optic cabling) and can be expanded with up to six digital keyboard modules DKM18, whereby the total number of available keys and LEDs increases to 120 per call station. The call station is permanently monitored.



DCSF12



584961 Housing

## Models

- **Digital Fireman's microphone DCSF12**  
12 freely configurable keys (with LEDs), 2 extra LEDs, 1 microphone, 1 loudspeaker, 1 external audio input, 1 external audio output
- **Digital fireman's microphone DCSF1**  
One freely configurable key (with LED), 2 extra LEDs, 1 microphone, 1 loudspeaker
- **Digital keyboard module DKM18**  
18 freely configurable keys (with LEDs), connectable
- **Emergency Microphone Housing 584961/584962**  
Capacity for up to two emergency microphones (DCSF12), Lockable enclosure to provide access level control, window to provide visual indication of broadcast status

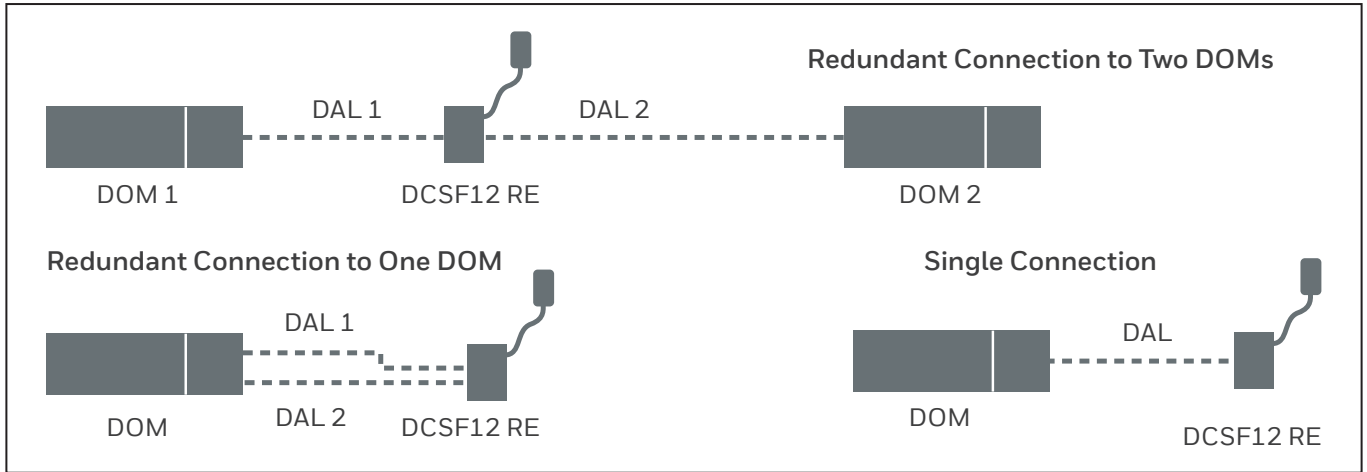
## Options

- The digital call station and the digital keyboard module can be fitted into the surface of a desk. One table mounting kit per unit is necessary for this.
- A transparent keyboard cover is available which will protect 3 horizontally arranged keys from being unintentionally pressed. Protected keys can only be pressed when the cover is raised.

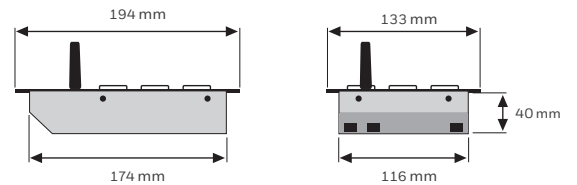
## FEATURES

- Fireman's microphone for control and transmission of emergency announcements
- Programmable push-button(s) for various functions
- Handheld microphone with PTT button
- Optional fibre-optic connection for lines of up to 20 Kilometres
- Constant monitoring of the microphone and the digital audio line to the DOM
- Talk-back function with other paging microphones via integrated loudspeaker
- BS EN 54-16 certified
- Redundant connectivity providing 100% security of call station against a single cable failure

# Fireman's Emergency Microphone Technical Specifications



SPECIFICATIONS	
Microphone	Electret condenser, cardioid pattern
Frequency Range	200 -12500 Hz
Loudspeaker Power	1 W
GENERAL SPECIFICATIONS	
Sample Rate	48 kHz
Ad/Da Converter	24 Bit
Max. Power Consumption (Average Value)	150 mA
Ambient Temperature Range	-5° C -+55° C
Relative Humidity	15 % ... 90 %
Colour	side parts black, similar to RAL 9005, body grey, similar to RAL 7037
Weight	1.6 Kg
Dimensions (W x H x D)	133 mm x 40 mm x 194 mm



## ORDERING INFORMATION

Fireman's Emergency Microphone DCSF12 RE	583503.RE
All call Fireman's Emergency Microphone DCSF1 RE	583504.RE
Protective Cabinet for 1 x DSCF Fireman's Emergency Microphone	584961
Protective Cabinet for DSCF Fireman's Microphone c/w DKM18	584962

### For more information

[www.honeywellvoicealarm.com](http://www.honeywellvoicealarm.com)

### Honeywell

140 Waterside Road  
Hamilton Industrial Park  
Leicester  
LE5 1TN, UK  
Tel: +44 (0)203 409 1779  
[hlsuksalesupport@honeywell.com](mailto:hlsuksalesupport@honeywell.com)

Honeywell reserves the right, without notification, to make changes in product design or specifications.

HSF-DCSF12\_DCSF1-01-UK(0519)DS-E  
May 2019  
© 2019 Honeywell International Inc.

**Honeywell**