



EU Declaration of Conformity
Issued: November 1st, 2018

We (manufacturer):

Federal Signal Corporation
2645 Federal Signal Drive
University Park, IL 60484 U.S.A

declare under our sole responsibility that the following

Model:
Type of Equipment:

E1 Intercom
Digital Intercom System

To which this declaration is in conformity with the following standard(s)

ATEX

EN60079-0: 2018
EN60079-1: 2014
EN60079-11: 2012

Explosive atmospheres. Equipment general requirements
Explosive atmospheres. Equipment protection by flameproof enclosure "d"
Explosive atmospheres . Equipment protection by intrinsic safety "i"

LVD

EN 60950-1:2006+A12:2011

(When used with Federal Signal ECHO 8-48 Controllers)
Safety of information technology equipment

EMC

EN55022: 2006+A2:2010
EN55024: 2010
EN61000-3-2: 2006+A2:2009
EN61000-3-3: 2008

(When used with Federal Signal ECHO 8-48 Controllers)
ITE equipment - Radio disturbances characteristics - Limits and methods of measurement
ITE equipment - Immunity characteristics – Limits and methods of measurement
Electromagnetic compatibility - Limits for harmonic current emissions
Electromagnetic compatibility - Limitations of voltage fluctuations and flicker

and therefore conforms with EU Directive requirements
of

2014/34/EU relating to equipment and protective systems intended for use in explosive atmospheres (ATEX)

and,

2014/35/EU relating to electrical safety (LVD)


and,

2014/30/EU relating to the electromagnetic compatibility (EMC)

(ATEX) Certified by:

UL/DEMKO Lyskaer 8, 2730 Herlev, Denmark
Certificate Number : DEMKO ATEX 1213079X

ATEX Coding:

 II 2 G Ex d ib IIB T4 Gb

Technical File maintained at:

Federal Signal Corporation
2645 Federal Signal Drive
University Park, IL 60484 U.S.A

I, the undersigned, hereby declare that the products(s) specified above conform to the listed directive(s) and standard(s).

Paul Weber

Date: 11/01/18
(month/date/year)



Engineering Section Manager
Industrial Systems Group