EC Declaration of Conformity
Issued: June 11, 2013

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: E1 Intercom
Type of Equipment: Digital Intercom System

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

ATEX
EN60079-0: 2009 Explosive atmospheres. Equipment general requirements
EN60079-1: 2007 Explosive atmospheres. Equipment protection by flameproof enclosure “d”
EN60079-11: 2012 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 (When used with Federal Signal ECHO 8-48 Controllers)
ITE equipment - Radio disturbances characteristics - Limits and methods of measurement
EN55024: 2010 ITE equipment - Immunity characteristics – Limits and methods of measurement
EN61000-3-2: 2006+A2:2009 Electromagnetic compatibility - Limits for harmonic current emissions
EN61000-3-3: 2008 Electromagnetic compatibility - Limitations of voltage fluctuations and flicker

and therefore conforms with EC Directive requirements of
94/9/EC relating to equipment and protective systems intended for use in explosive atmospheres (ATEX)
and,
2006/95/EC relating to electrical safety (LVD)
and,
2004/108/EC relating to the electromagnetic compatibility (EMC)

(ATEX) Certified by: UL/DEMKO Lyskaer 8, 2730 Herlev, Denmark
Certificate Number: DEMKO ATEX 1213079X

ATEX Coding: Ex 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
Engineering Section Manager
Industrial Systems Group

Date: 06/11/2013
(month/date/year)