Emergency Warning & Intercom System

Product Overview:

The **Emergency Warning and Intercommunication System (EWIS)** is designed to facilitate the orderly evacuation of a building in the event of an emergency. The evacuation may be initiated automatically by a Fire Alarm system, or by a building occupant operating an emergency call-point. Integrating a flexible alarm and voice warning system with a dedicated emergency intercom system, the EWIS allows fire wardens or emergency services personnel to easily control coordinate rapid building evacuation.

The EWIS meets the control and indicating equipment requirements of installation standard AS1670.4, complies with equipment standard AS2220.1 and supports the ISO8201 evacuation signal.

Features:

QE90 EWIS

- Emergency Warning Systems: generates and controls audible warning signals via dedicated amplifiers and loudspeakers for each building zone. An emergency microphone allows public address by zone or globally
- Emergency intercommunication System: provides dedicated communication between Emergency Control Panel (ECP) and Warden Intercommunication Points (WIPs) in each zone
- Secondary ECPs (SECPs): may be connected to allow control and monitoring of the Main ECP (MECP) from multiple locations
- Networking Capability: extends the concept of secondary ECPs to enable multiple ECPs and /or equipment racks to be interconnected throughout a large building complex or site
- Easy Operation: ergonomically designed vertical format keyboard aids user perception and operation. Membrane keys with indicators provide positive feedback of operation. Manual key-switch selects Automatic, Manual or Isolate
- Flexible Configuration: Choice of 10, 25, 50, 100 or 200 Watt RMS power amplifier modules; selection of ISO8201 or AS2220 Evacuate signals; Background Music (BGM), local and non-emergency paging by zone; up to 3 discrete WIP locations available to suit applications; modular construction suits future extensions
- Special digitised voice messages available for both Evacuate and Alert signals
- Duplicated communications link between MECP and SECP(s), and between networked ECPs
- All circuits fully monitored for cable faults
- Modular construction facilities fault diagnosis and repair
- Site programmable facilities include delays, zone grouping, zone isolation, cascade enable/disable and service fault history access
- Factory programmable facilities include the system itself, control relay outputs, special cascade sequences, warden zones, call-point mapping and other optional features

Specifications:

»	Panel Size	Single 18U	Single 21U	Single 28U	Single 40U	Double 28U	Double 40U
»	Height (mm)	885	1050	1330	1865	1330	1865
»	Width (mm)	575	575	575	575	1150	1150
»	MECP Depth (mm)	380	350	380	380	--	380
»	SECP Depth (mm)	205	--	205	205	205	--
»	Maximum Number of Zones with						
	10WRMS Amplifiers	8	20	20	40	--	80
	25WRMS Amplifiers	4	10	10	20	--	40
	50WRMS Amplifiers	4	10	10	20	--	40
	100 WRMS Amplifiers	2	5	5	10	--	20
	200 WRMS Amplifiers	2	2	2	4	--	8
»	Speaker Line Voltage	100VRMS at Rated Power Output					
»	WIP Zones (max)	10	18	20	42	--	90
»	SECP Zones	1-18	--	19-34	35-42	43-74	75-90
»	Other configuration or large system available on request						
»	Operating Temperature	-5 °C to 45 °C					
»	Humidity	up to 95 % RH, Non-Condensing					
»	Power Supply	230 VAC + 10 %, -11 %, 50 Hz					
»	Cabinet Material	1.6 mm Mild Steel					
»	Cabinet Finish	Baked Epoxy					
»	Colour	Cream Wrinkle BFF998CW					

QE90 EWIS System - Typical Configuration: