Ampac

Fire detection and evacuation solutions that save lives.

EvacU Grade 2 & 3 EWCIE

Features

- High Efficient Class D Amplifier Technology
- Up to 8 Emergency Zones
- Speaker Line Fault Monitoring and Protection
- Monitored Visual Output
- Dedicated Emergency Microphone Input
- Secondary BGM and PA Audio Input
- False Alarm, System Test and Lock Down Messages
- Custom Message Options
- Remote Paging Console
- AS 4428.16:2015 Grade 2 & 3 Approved
- ActivFire Certified (AFP-3332)

Description

The Ampac, EvacU, Emergency Warning system has been evaluated and verified as conforming with the relevant Grade 2 & 3 requirements of AS4428.16:2015, 'Fire detection and alarm systems — Emergency Warning Control and Indicating Equipment.

Complying with AS1670.1:2018 Occupant Warning system installation requirements, the EvacU EWCIE is suitable to broadcast information (voice announcements for emergency purposes, alert signals, evacuate signals, and visual warnings) to provide clear and precise warning to building occupants in the event of an emergency, to effect a rapid and orderly mobilisation of occupants.

Available as either a fully self-contained Standalone system or combined into Ampac's FireFinder Plus, LoopSense and ZoneSense Plus Control and Indicating Equipment via the FDCIE's internal RS485 add-on communication bus, the EvacU consists of a Front Control Switch and Indicator Module and a combination of one to eight 25W or 50W "D" class amplifiers each providing a monitored 100V audio output and monitored visual output for up to eight emergency zones.

Integrated EvacU and FireFinder Plus Control and Indicating Equipment

Standalone Panel with 8 Zone Indicator Module

Applications

- Hotels & Apartment Buildings
- Schools
- Residential Care
- Shopping Centres
- Office Buildings

Programmed with the latest Alert and Evacuation tones and messages as defined in AS4428.16 and AS1670.1, the EvacU includes additional False Alarm, System Test and Lock Down messages as standard features.

Further more, with the aid of Ampac's dedicated EvacUwiz configuration and programming tool, the user has the ability to customise messages and tones to suit their installation needs.

8 Zone Indicator Module & 25W Amplifier

An optional Eight Zone Indicator module is available when more than one emergency zone is configured and the user requires individual Zone Fault, Alarm, Alert and Evacuation indications.
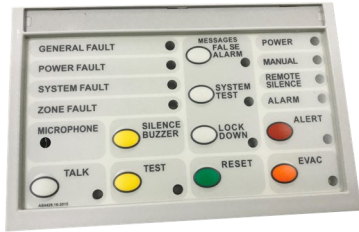
The Zone Indicator Module also provides the ability to select and broadcast live speech to individual emergency zones.

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OWS Indicator and Controls

A four way Audio Line Splitter provides the ability to have a single emergency zone split into four separately monitored and short circuit isolated 100V audio outputs.

Audio Line Splitter

Up to two splitters can be connected to a single amplifier with a maximum of four splitters per EvacU system.

Sharing a common emergency zone each audio split can be assigned to separate paging zones when a remote paging console is connected.

The Remote Paging Console (RPC) allows up to 8 individual paging zones to be programmed when a combination of more than one amplifier and/or Audio Line Splitters are included in the system.

Additionally the RPC includes a Back Ground Music input and the ability to control the BGM distribution amongst the configured zones.

Remote Paging Console

Item Numbers

Standalone Cabinets

6050-0010-1100	EvacU 25W 3A
6050-0010-1200	EvacU 50W 3A
6050-0010-1400	EvacU 100W (2 x 50W) 5A
6050-0010-1500	EvacU 150W (3 x 50W) 10A
6050-0010-0800	EvacU 200W (4 x 50W) 10A
6050-0010-0700*	EvacU 120W 10A

Modules

6010-0001	OWS 50W Amplifier
6010-0002	OWS 25W Amplifier
6010-0018	OWS Indicator & Controls
6010-0010	OWS External Microphone
6010-0012	OWS 8 Zone Indicator Module
6010-0013	OWS 4 Way Audio Line Splitter
6010-0014	OWS 8 Zone Paging Console

Specifications

Power Supply	
Standalone CIE	3, 5 or 10Amps @ 24V
Integrated	24vdc supplied by the FACP
Amplifiers (Audio)	Quiescent / Alarm
25W	20 mA / 1.19 A each
50W	20 mA / 2.39 A each
Amplifiers (Visual)	
Visual Output	1A Max per Amplifier
Dual Xenon	Max 8 sets
Dual LED	Max 40 sets
Amplifiers Audio O/P	100Vac, DC Monitored
Emergency Zones	Up to 8 max
Front Controls (Max 1)	10.5 mA Quiescent
Zone Indicator (Max 1)	10.5 mA Quiescent
Line Splitter **100V Monitored Line outs**	10.5mA Quiescent 4 (Max 100W each to a max of 250W total)
Remote Paging Console	5.5 mA Quiescent
Number of Zones	8
BGM Input Source	3.5mm Audio Jack
Cable	CAT5 RJ45 connection
Cable Distance	100m
Standalone	500(H) x 405(W) x 150(D)
Cabinet Dimensions (mm)	625(H) x 518(W) x 173(D)*