

# GIANT VOICE®

EMERGENCY SYSTEMS



*Control and  
monitor your siren  
warning system  
from a central  
location*



## PORTABLE CONTROL UNIT GV-CORE-PCU

The Giant Voice® CORE-PCU gives you total control over your warning system.

The Giant Voice® Portable Control Unit is designed to meet the customer's need for precise and accurate information when vital decisions have to be made. To simplify operations, the GV-CORE-PCU has a built in 19" touch screen and an intuitive, easy-to-use Graphical User Interface (GUI) that allows the user to issue system activations and collect remote siren status via RF link or landline.

### **The best way to control your siren warning system**

The Portable Control Unit is pre-installed with the Giant Voice® Emergency Management System. The emergency management system is comprehensive and flexible, providing easy understandable information that enables the user to make the right decisions and react within seconds. The system is easily configurable and can be wired for single loop speaker configurations as well as larger and more complex redundant or IP/networked solutions. Furthermore, the flexible configuration of the emergency management system allows for efficient integration of external systems.

For high quality voice broadcast the Giant Voice® Microphone can be plugged into the control unit and activated with a push-to-talk button. The Control Unit is built into a high performance 19" ruggedized rack case with; internal shock absorbers in all corners, recessed steel, heavy-duty flush mount handles and Mil-Spec black twist latches. The Portable Control Unit is powered by TWS Batteries.

The Giant Voice® Portable Control Unit is compliant with the Unified Facilities Criteria (UFC) 4-021-01 for the Design, Operation and Maintenance of Mass Notification Systems.

# HSS

**ENGINEERING®**  
WARNING SYSTEM SOLUTIONS

Laegaardsvej 12 · 8520 Lystrup · Denmark  
Phone + 45 7022 8844  
Fax + 45 7022 8866  
www.hss.dk · info@hss.dk



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**ALERTS  
PEOPLE TO  
POSSIBLE  
DANGER**

## OPTIONAL FEATURES

- SMS/Text notifications
- Email notifications
- PABX interface (digital/analogue)
- Remote I/O
- IP/Serial data interface

## FEATURES

- Advanced fault monitoring features
- Activation via the Giant Voice® Emergency Management System
- Plug-And-Play connection to your TWS Sirens
- Internal shock absorbers in all corners
- 6 hours of backup power by TWS Batteries
- UFC 4-021-01 compliant
- CAP (Common Alerting Protocol) compliant
- IPAWS compliant
- Available in UHF and VHF versions
- Available in analogue and digital versions
- RF output power up to 25 Watt
- CTCSS and/or DCS (pilot tone) signalling on both RX and TX
- Built-in lightning protection
- IP and serial data interface
- Supports Whelen® DTMF protocol.
- Live voice broadcast

## ORDERING INFORMATION

### Product Description

Portable control unit, VHF

### Order No.

GV-CORE-PCU-VHF A/D\*

### Product Description

Portable control unit, UHF

### Order No.

GV-CORE-PCU-UHF A/D\*

\* A = Analogue, D = Digital  
REV. D

## TECHNICAL DATA

<b>Power input</b>	100/240 V ~ 50/60 Hz		
<b>Dimensions</b>	Exterior Depth:	24.00"	60.96 cm
	Exterior Width:	22.40"	59.60 cm
	Exterior Height:	23.70"	60.20 cm
<b>Space Units Total</b>	12		
<b>Weight</b>	50 kg		

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*A comprehensive  
and flexible  
emergency  
system*



## EMERGENCY MANAGEMENT SYSTEM GV-EMS

The system is scalable i.e., the user can access all data and information, or activate components on the system from any GV-CORE unit connected to the system.

The software can be operated from one or more screens displaying different menus simultaneously. Menus are predesigned for touch screen operation. The system can be configured to meet your specific needs, such as predefined warning tones, pre-recorded messages and sequences, as well as customer-selected maps of the area.

The GV-EMS is a comprehensive and flexible Emergency System providing easy and understandable information that enables the user to make the right decisions and to react within seconds.

The GV-EMS has been developed to meet the customer's need for precise and accurate information at hand, when vital decisions must be made.

The software is delivered preinstalled on the GV-CORE unit that serves as the platform for the Giant Voice® Distributed Communication Network (GV-DCN).

The system is easy to use with its straightforward logic - simply select the system components on the map and then choose your action from one of the on-screen menus.

You can also add predefined sequences to the system by assigning sequences to the programmable activation keys. A sequence is defined by any specific warning priority, such as an alert by tones and informed by a public announcement.

You will not encounter any language barriers and the user interface can be modified with easily recognizable icons and colors.

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## HSS ADVANCED WARNING SYSTEMS



### INTEGRATION TO

- SCADA
- CCTV
- Fire System
- Warning Systems and more

### MAP FEATURES

- Zoom and pan capability
- Orientation map
- Predefined group selection
- Printable maps

### ACTIVATION FEATURES

- Activation of selected system components
- Activation status display
- Activation accept allows to preview the command before transmission

### SERVICE FEATURES

- Status data request from selected system components (for example: battery status, speaker driver or amplifier failure, AC Power, cabinet temperature)
- Real-time status monitoring

### ANALYSIS FEATURES

- User defined analysis criteria (Period, Selected Sirens, Command Type etc.)
- Data base of status logs with capability of storing information
- Export data function enabling export of selected data to e.g. Microsoft Excel

### FEATURES

- IP-Broadcast
- Unlimited amount of programmable predefined sequences
- Supports colour coded system components icon
- Configuration, monitoring and control capability of all system components in real-time
- Integration platform for a variety of components such as public address, general alarm sirens, PABX, sensors, strobe lights, text displays, SMS text message and more
- Individual Log-On ID supporting differentiation between operators, service personnel and administrators
- Supports GV-DCN network structure

### OPTIONS

- PABX Integration Additional screens
- 10 digit DTMF protocol
- Email Warning
- Giant Voice® Radio Base Station (UHF/VHF)
- Rack cabinet enclosure as pr. customer requirements
- SMS Warning

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