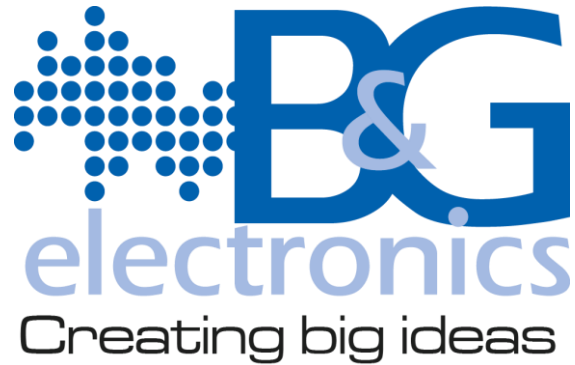


Intercoms & Electronics Profile



leader in designing intercoms and loudspeakers for vehicle applications and businesses.

VEHICLE SOLUTIONS
ARCHITECTURAL SOLUTIONS



Auto Commercial International
GTD FZCO

Dubai – United Arab Emirates

Authorized distributors



We care about your development

INTERCOMS , P.A. AND SIRENS FOR CIVILLIAN VEHICLES



- Power out recommended for Civilian Cars: 25 watts
- ASD TECHNOLOGY (Automatic shutdown)
- Electronic auto-power off function to prevent Battery discharge, thus NO NEED to connect the equipment to accessories.
- Digital control keypad with backlight, ergonomic and discreet.
- 2 non-official siren tones.
- Monophonic Internal Sound.
- Compact, weather-resistant external speaker
- Hidden installation without modifying the original appearance of the car



NO NEED to open doors or windows to talk.



- Power out recommended for Trucks: 50 watts (Available outputs are 50/100/250/250).
- ASD TECHNOLOGY (Automatic shutdown)
- Electronic auto-power off function to prevent Battery discharge, thus NO NEED to connect the equipment to accessories.
- Backlit digital control keypad with integrated microphone.
- 2 non-official siren tones.
- Monophonic Internal Sound.
- Compact, weather-resistant external speaker
- Hidden installation without modifying the original appearance of the car



Multipurpose Buses Cargo Transport Trucks Trailers Coaches Lorries Midi Bus Matatus Vans Touring Security Cars

PW - APC/Tactical

Intercom P.A and sirens

Intercom systems for armored vehicles

Specially designed
for APC/Tactical
Vehicles



Optional accessories



150 watts requires **one loudspeaker**
250 watts requires **two loudspeakers**

References		PW-250	PW-150
Power output RMS		250 Watts	142 Watts
Stereo internal sound		✓	✓
Hand held MIC as accessory		✓	✓
Power consumption	Maximum	21 A	13 A
	Stand-by mode	<25 mA	<25 mA
Input voltage		11.5 - 14.8 VDC	11.5 - 14.8 VDC
Harmonic distortion		≤1%	≤1%
External loudspeakers		2 Loudspeakers 150W 13 x 20 x 16 cm	1 Loudspeaker 150W 13 x 20 x 16 cm
Electronic unit		4 x 11 x 20 cm	
Internal speakers		9 x 6 x 10 cm	



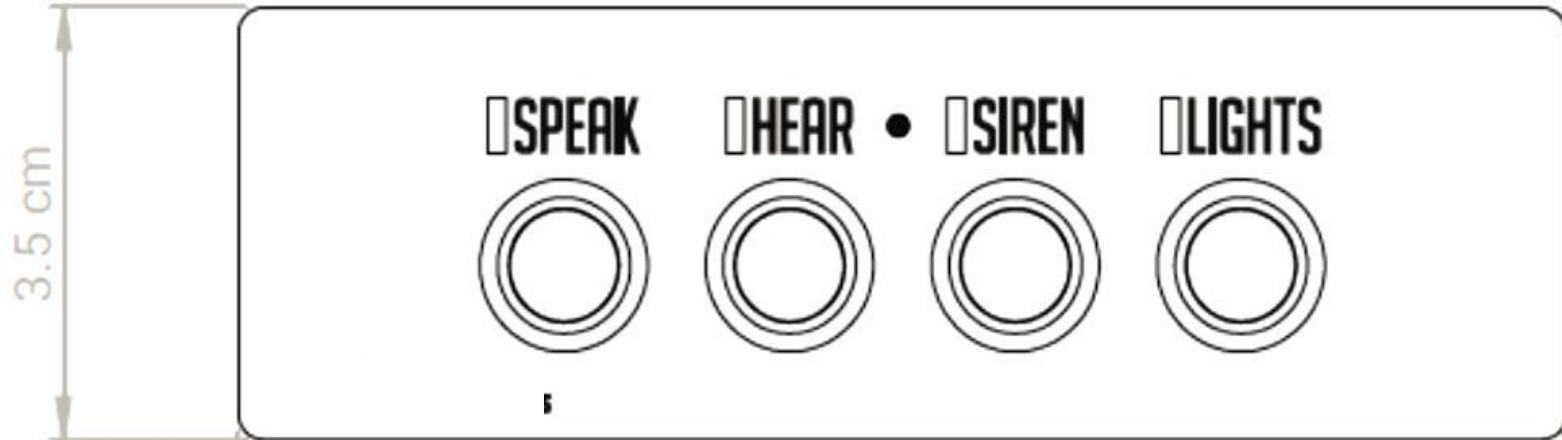
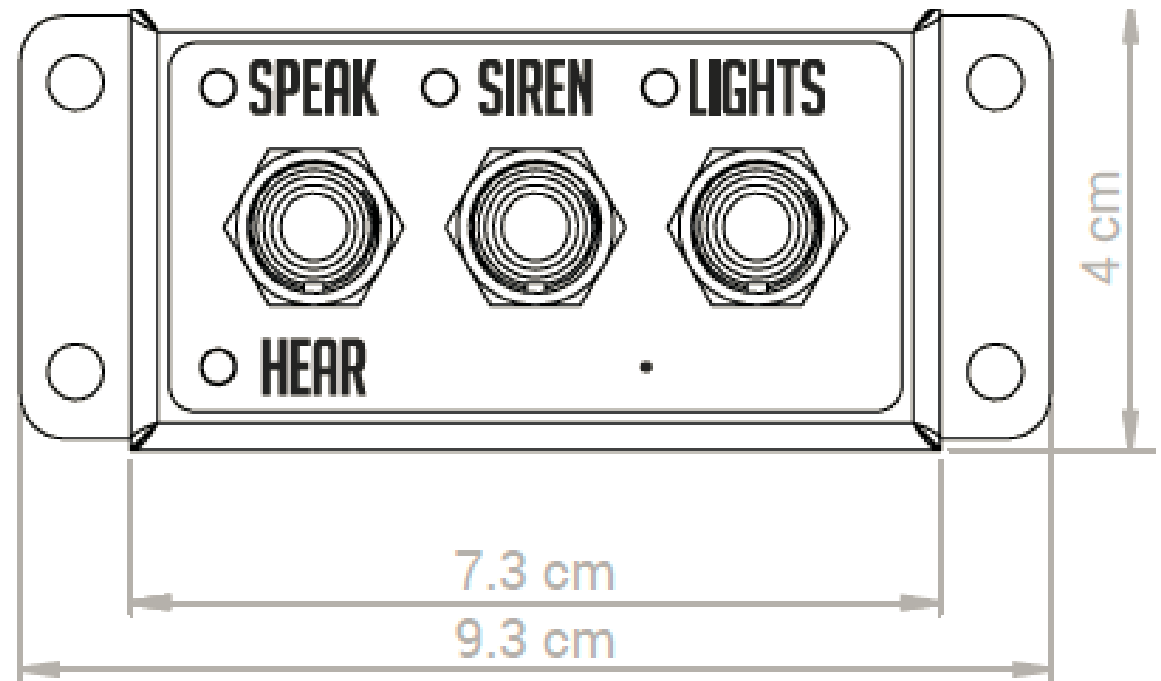
KEYPADS AND MICROPHONE OPTIONS



**Toogle Keypad
For 150/250 series**



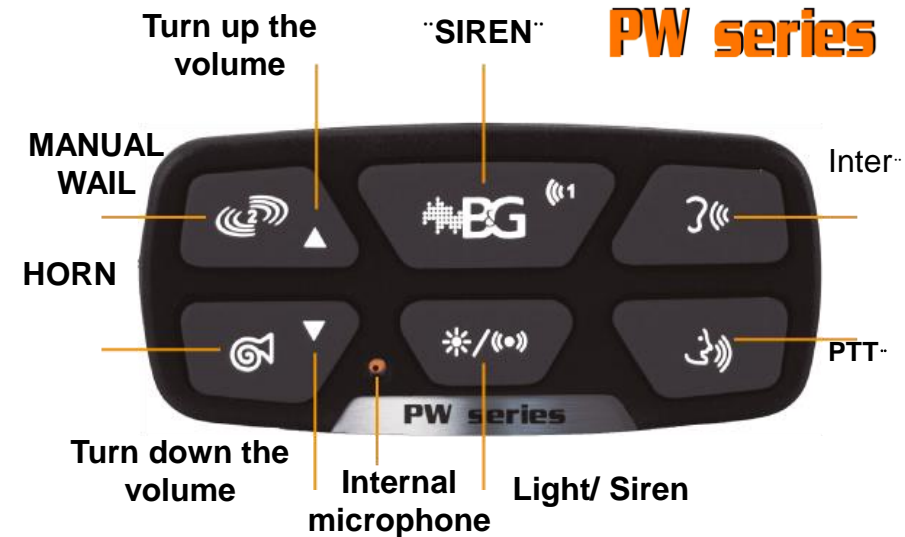
**Button Keypad
For 150/250 series**



Installation :
3m high performance mounting tape/mounting screws

11 cm

INTERCOM , P.A. AND SIRENS FOR ARMORED VEHICLES



Model PW-50/100/150
 Luminescent digital control keypad :
 discreet & easy to use

Intuitive & easy to use
Luminescent digital keypad , ergonomic & discreet.
 Protects against accidental battery discharge.
Intelligent electronic auto shutdown.
 Suppresses noise within the cabin.
ASD system eliminates feedback sounds.

Meets regulations in most countries.
Special models without sirens
 Does not change the external appearance of the vehicle.
Hidden microphones and equipment.
 Quick installation, ready for the road.
Automatic calibration of external volume & new compact external speaker.

Hand held microphone



Small high gain microphone



VOICE AMPLIFIERS (2WAY INTERCOMS, P.A SYSTEMS & SIRENS)



PW 150 Watts

- Power Output of 142 WATTS RMS.
- Luminescent digital control keypad.
- Automatic calibration of external volume. (VAA).
- AFC suppressor against annoying feedback noise.
- Intelligent Auto-Shutdown electronics to avoid battery drainage while idle. (ASD)
- Internal stereo sound speakers.
- 7 Official siren tones, 4 selectable



PW 100 Watts

- Power Output of 100 WATTS RMS
- Luminescent digital control keypad.
- Internal monophonic sound speakers.
- Intelligent Auto-Shutdown electronics, avoid battery drainage while idle. (ASD)
- 6 Official siren tones, 4 selectable
- Auxiliary output to connect lights and operate them from the keyboard



PW 50 Watts

- Power Output of 46 WATTS RMS.
- Luminescent digital control keypad..
- Internal monophonic speakers.
- AFC suppressor against annoying feedback noise.
- Intelligent Auto-Shutdown electronics to avoid battery drainage while idle. (ASD).
- Intelligent Auto-Shutdown electronics to avoid battery drainage while idle. (ASD)
- 2 momentary HORN tones

Make your way in traffic easily and clearly with a system of high-power loudspeakers.



Official siren sounds.



Completely hidden installation without affecting the aesthetics of the vehicle.



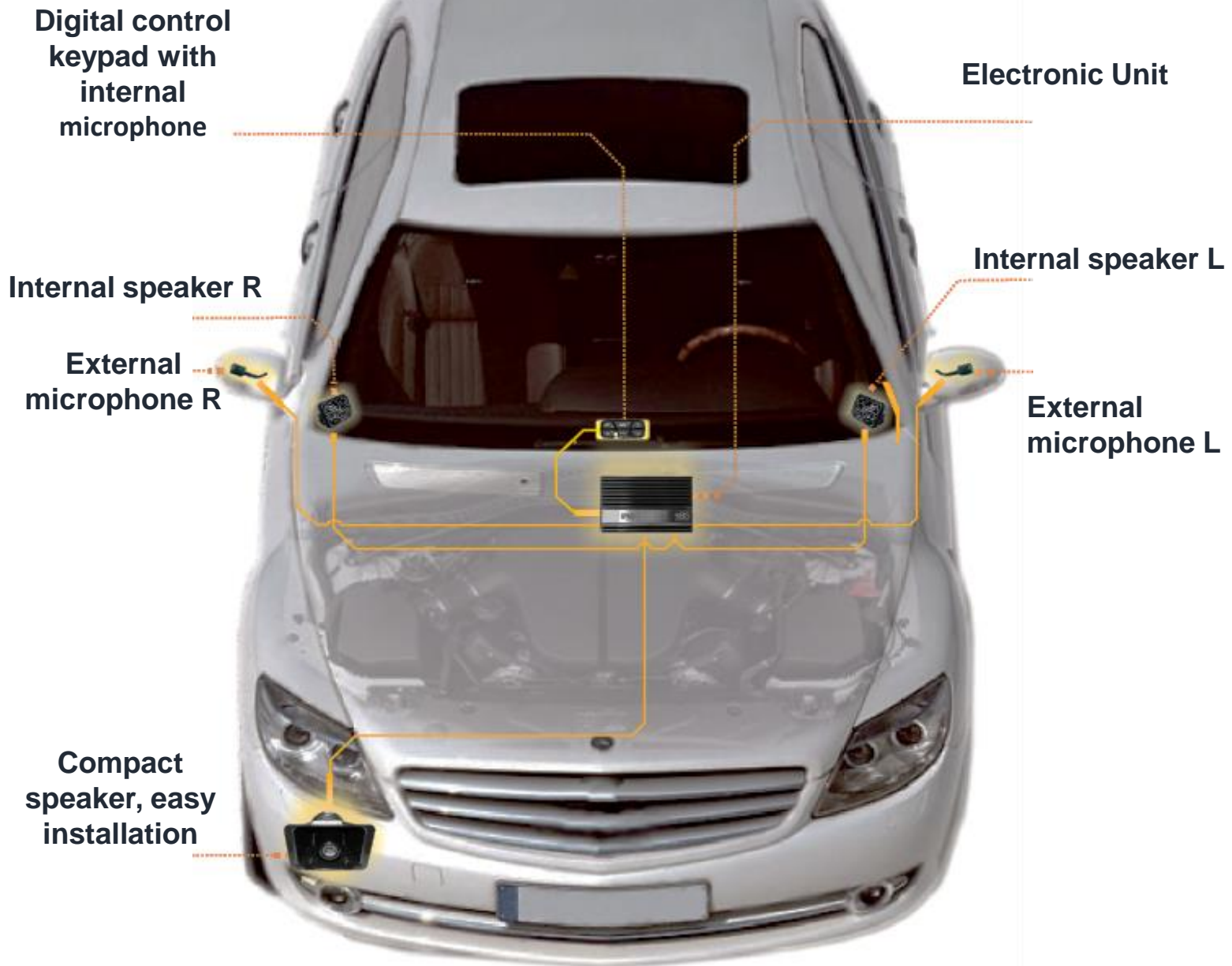


**Add 2-3 More DB
with our optional
diffuser.**



**Optional
Encapsulated microphone.**

**The PAW Series was created to simplify
usability and equipment installation, ideal
for undercover security vehicles and
unmarked police cars.**



VEHICLE INTERCOMMS BETWEEN CABINS FOR PASSENGER TRANSPORT VEHICLES



- ✓ VCI-01 makes basic communication straight forward between the driver's cabin and passenger's cabin. This increases the safety and the comfort for all.
- ✓ Keeps the driver in touch with the users or passengers.
- ✓ Does not alter the vehicles internal appearance, showing only the minimum elements for operation.
- ✓ Ideal for reinforcing security on vehicles such as taxis and limos.

ADVANTAGES

- ✓ Electronic module and front speaker are easy to mount and conceal.
- ✓ The driver has a hands-free, high-gain electric microphone that is easily hidden.
- ✓ Passenger speaker comes with built-in microphone and "Push To Call (PTC)" button to initiate conversation with the driver.

VCI-02

Two way communication

between the vehicle's cabins.

cabin intercoms for emergency and security vehicles



VCI-02 makes basic communication simple between the driver's cabin and rear cabin, without interfering with the critical ongoing activity.

The ergonomic design puts all controls in a single location to simplify the work flow allowing people to concentrate on their job.

UTP Connectivity, fast installation using standard simple wiring, high fidelity communication without interference.

Permanent Communication between vehicle cabins , allowing officials to take right actions in emergency situations

An electronic module with speaker & microphone per cabin.

Each cabin has its own volume control.

Two operations modes.

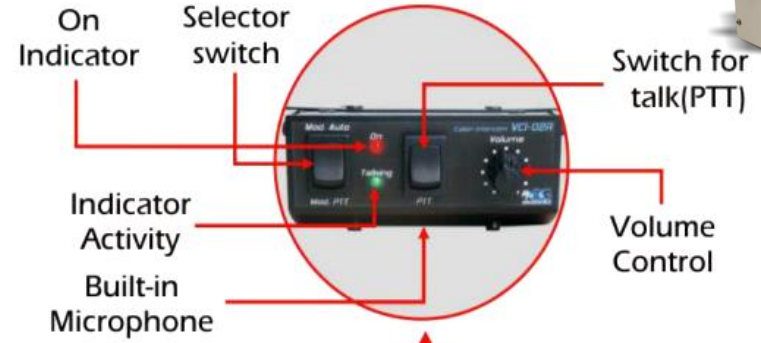


DRIVER CABIN MODULE



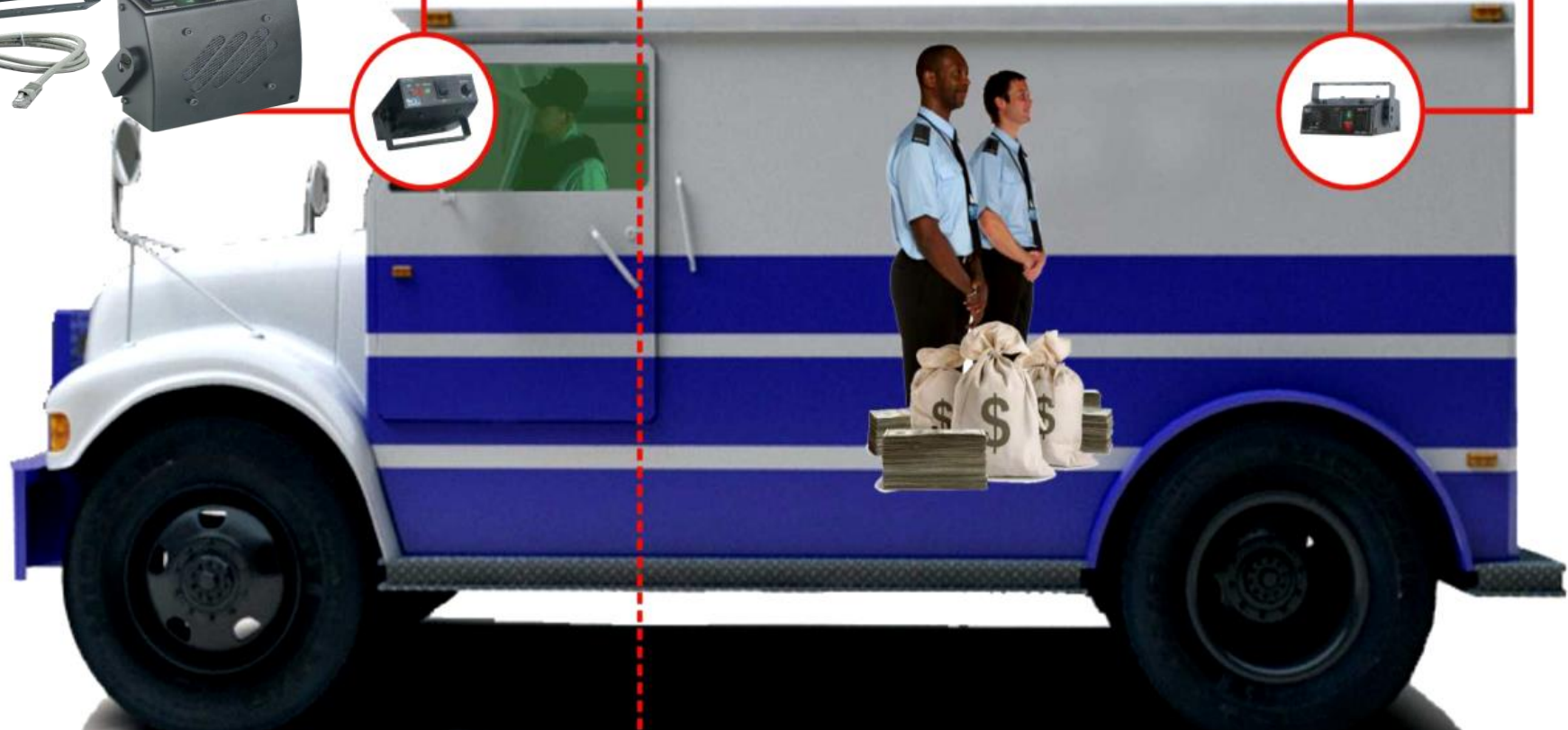
UTP CABLE
4 PAIRS(8lines)

REAR CABIN MODULE



Hands free mode :
allows continuous communication between cabins .
The touch of a button changes the direction of communication while pressed.

Manual mode:
Communication between cabins With two or more compartments via simple push buttons per cabin.



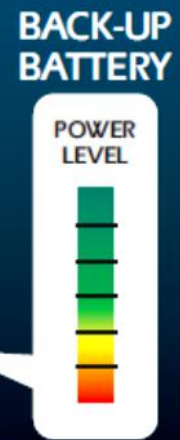
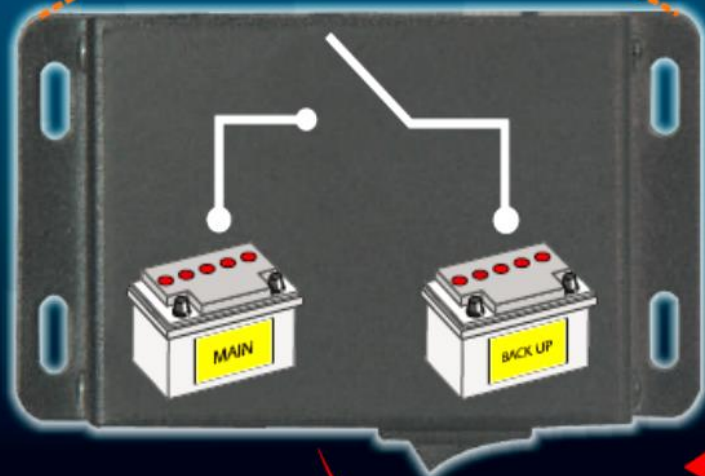
Battery Monitors

MAIN BATTERY



BACK UP BATTERY

POWER BATTERY ALWAYS



- ARMORED CARS
- TUNNING
- AMBULANCES
- POLICE
- 4X4



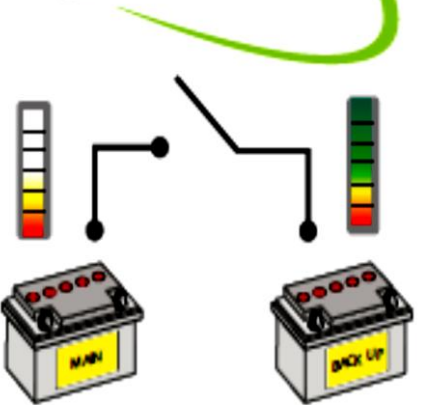
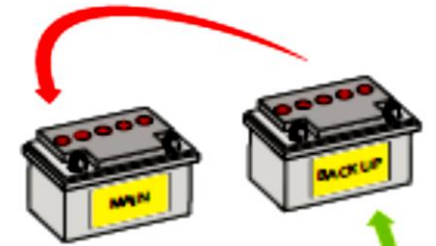
High power consumption generated by electrical and electronic equipment in a vehicle, requires the usage of this innovating device that allows to control automatically the use of an auxiliary battery installed as back-up.

The module continuously monitors the main battery . When the charge is below the safe operating limit, it enables the back-up battery and meets the vehicle requirements.

Periodically, the BM-212 system switches the back-up battery and brings it into service for some days in order to increase its life span.

BM-212 switches on only when the vehicle is turned on.

When trying to start the vehicle, if the main battery is totally uncharged, pressing BM-212's "MANUAL" button will activate the Auxiliary battery. Thus, when starting the vehicle, the battery recharge cycle will also begin.



AMBULANCE SOLUTIONS

1-way Communication between vehicle cabins

Luminescent function indicator on each panel.

Open door sound alarm.

Life status indicator.

Monitors voltage and amperage of auxiliary battery.

Designed for heavy duty.

Alphanumeric display indicating status information for modules and devices.

Displays the status of the auxiliary battery.

Automotive serial communication protocol (CAN BUS).

Monitors the temperature in the rear cabin.



- ✓ It keeps the driver in permanent contact with the passengers
- ✓ Ideal for optimizing communication in vehicles such as ambulances, limos and taxis.
- ✓ Power switch and volume control.
- ✓ Hands-free operation equipment.
- ✓ Hidden microphones for the rear cab of the vehicle.

CP System Series

VCP-TOUCH

Devices control panel for utilitarian vehicles
 applications: Ambulances, buses and police vehicles.

Specifications and Installation Diagram

Power module

Driver module



Product features

- Customizable menu screen, adaptable to the client's needs.
- Power management module with individual fuses for each device.
- Reports battery charge status.
- 7" touch screen.
- Heavy duty design.
- Real time information management.
- Vehicle serial communication protocol (CAN).
- Monitors voltage and amperage of the battery.
- Reports if there are burned fuses connected to the system.
- Recommended for police vehicles and buses.

Manufactured upon request.
 Harnesses to connect devices not included.

Technical Specifications

	Reference ▶	VCP-TOUCH
Power consumption	Maximum	400 mA (device's consumption not included)
	Stand-by mode	<25 mA
Input voltage	Maximum	14.9 VDC
	Minimum	10.5 VDC
	Driver module	7" touch screen (1)
	Power module	5 x 16 x 26 cm

ACP-TOUCH

Ambulance control panel



Product features

- Two 7" touch screens.
- Customizable menu screen, adaptable to the client's needs.
- Vehicle serial communication protocol (CAN).
- Power management module with individual fuses for each device.
- Patient's status notifications.
- Monitors voltage and amperage of the auxiliary battery.
- Reports battery charge status.
- Open doors sound alarm.
- Heavy duty design.
- Reports if there are burned fuses connected to the system.
- Real time information management.

Manufactured upon request.
 Harnesses to connect devices not included

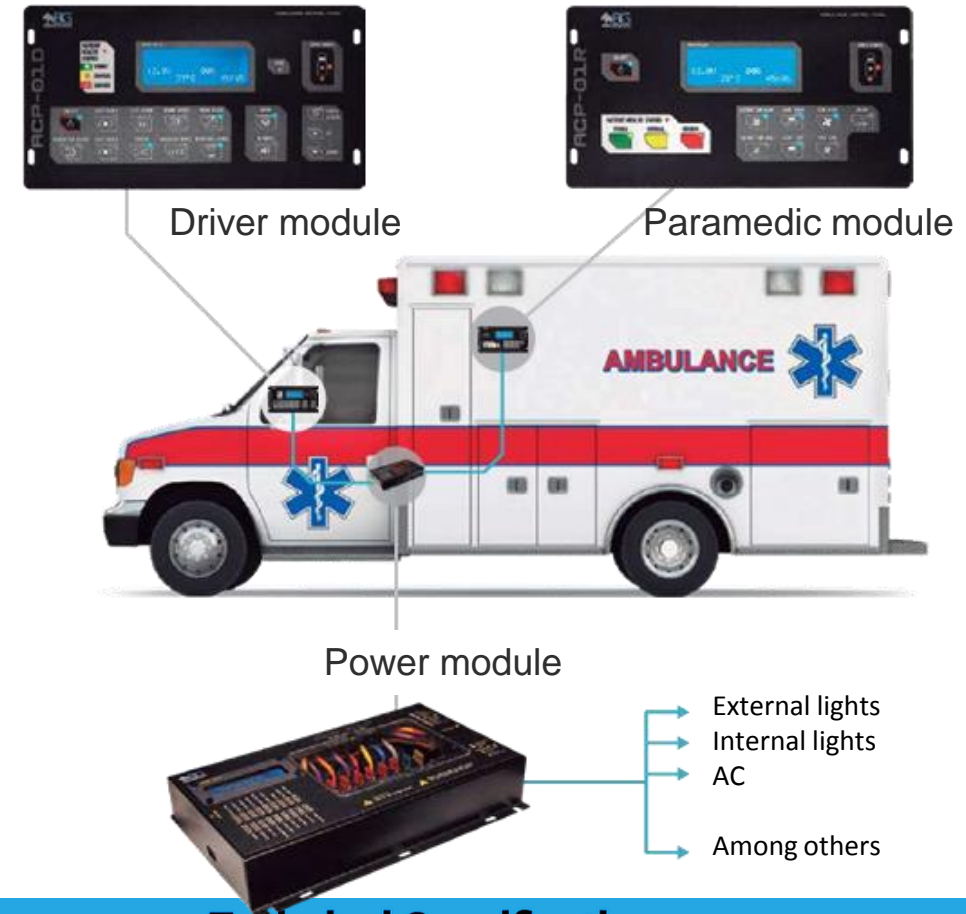


Technical specifications

Reference ►		ACP-TOUCH
Power consumption	Maximum	400 mA (device's consumption not included)
	Stand-by mode	<25 mA
Input voltage	Maximum	14.9 VDC
	Minimum	10.5 VDC
	Driver module	7" touch screen (1)
	Paramedic module	7" touch screen (1)
	Power module	5 x 16 x 26 cm

ACP-Lite

Ambulance control panel



Product features

- Membrane control panel with alphanumeric display that reports information regarding the module's status and the devices.
- Light indicators on each of the panel's functions.
- Reports if there are burned fuses connected to the system. Open doors sound alarm.
- Power management module with individual fuses for each device.
- Patient's status notifications.
- Monitors voltage and amperage of the auxiliary battery.
- Reports battery charge status.
- Vehicle serial communication protocol (CAN).
- Monitors temperature of the rear cabin.
- Heavy duty design.
- Real time information management.

Technical Specifications

Reference ▶		ACP-Lite
Power consumption	Maximum	400 mA (device's consumption not included)
	Stand-by mode	<62 mA
Input voltage	Maximum	14.9 VDC
	Minimum	10.5 VDC
	Driver module	Dimensions: 25 x 13 x 3 cm / Weight: 0.5 kg
	Paramedic module	Dimensions: 25 x 13 x 3 cm / Weight: 0.5 kg
	Power module	Dimensions: 26 x 16 x 5 cm / Weight: 1.2 kg

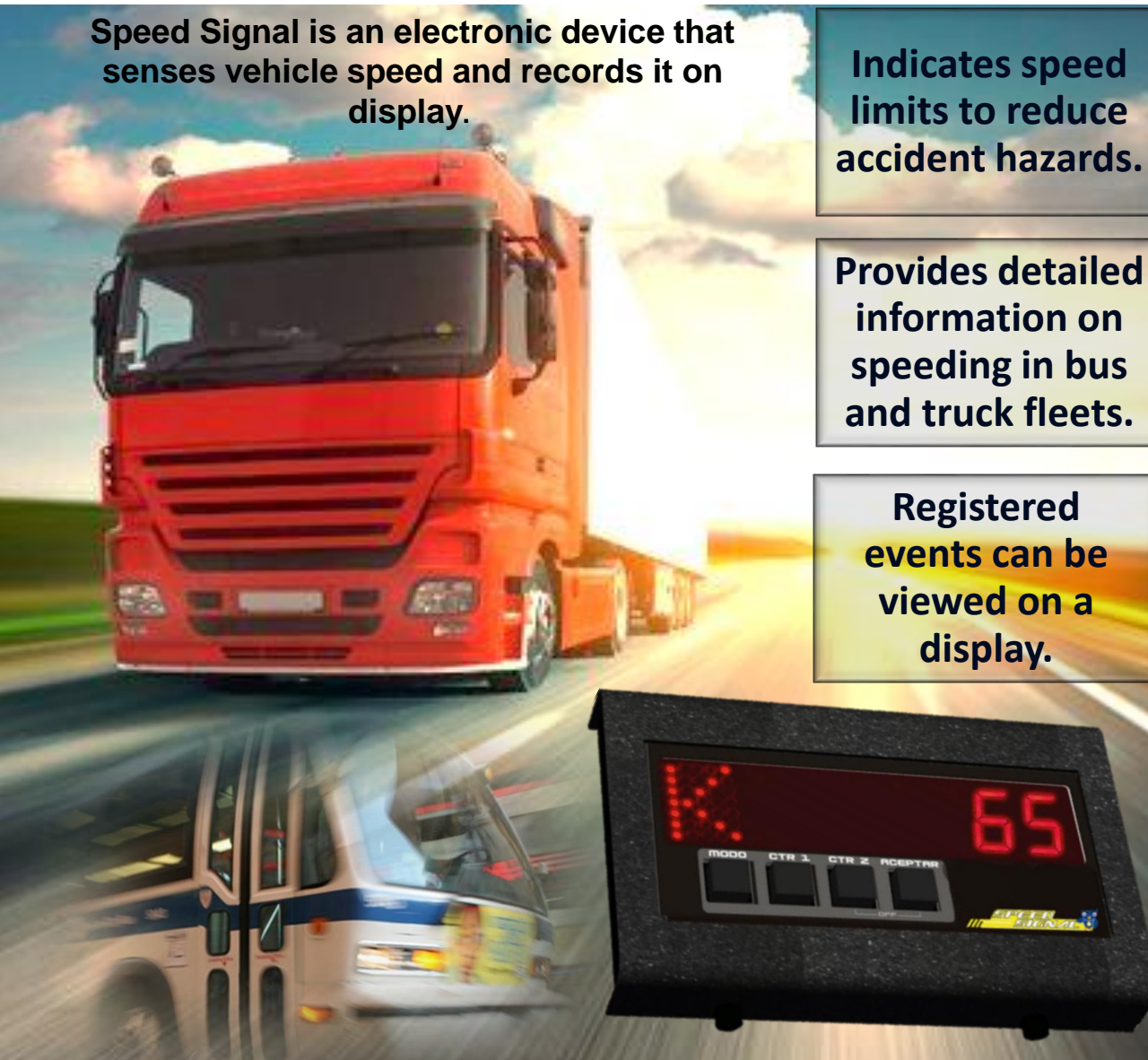
Speedometers

Speed Signal is an electronic device that senses vehicle speed and records it on display.

Indicates speed limits to reduce accident hazards.

Provides detailed information on speeding in bus and truck fleets.

Registered events can be viewed on a display.



Taximeters

An electronic device installed that calculates passenger fares based on a combination of distance travelled and waiting time



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Applications: Buses, Vans, Taxis, Trucks and Lift Trucks

P.A. And Sirens For Official Motorcycles

Designed exclusively for installation on official motorcycles



Automatic color sequence.



Repels the attacker.
Warn other drivers on the road.
Clears a path on the road.

Waterproof controls

MTL -03F



- ✓ Lights controller designed in resistant materials, with weather proof, and uv ray resistant rubber protection for the switches.
- ✓ Rotating function of 5 sequences.
- ✓ Front lights with metal anchor.
- ✓ Tail light with rubber coupling for installation (1 or 2).
- ✓ Blue and red color.

MPA-50



- ✓ Output power of 50 WATTS.
- ✓ 6 official siren sounds (Horn, Wail, Phaser, Yelp, Hi-low, Manual).
- ✓ 2 switch control box designed in resistant materials, with weather proof, and uv ray resistant rubber protection for the switches.
- ✓ Weather resistant power horn.
- ✓ Anchors (lights and / or horn) for welding or screwing.
- ✓ Concealed installation module.
- ✓ Preserve battery mode.

Emergency Lights Series LED and stroboscopic light sets

Traffic Lamp



- Third generation two-color LED lights.
- Exterior weatherproof use.
- Automatic settings with B&G sirens.
- Adjustable position, mobile base.
- Easy location in small spaces.
- Two-color lamp, the color setting is determined on request (Blue-Red).
- High gloss and durability.
- 600 Fps. (Flashes Per Minute) maximum.

Traffic Lamp A-S



- Dual purpose light
- Function 1: Explorer.
- Function 2: Signaling (flashing).
- Third generation LED white lights.
- Outdoor weatherproof.
- Automatic settings with B & G sirens.
- Adjustable position, mobile base.
- Easy location in small spaces.
- Low battery consumption.
- White lamp.
- 600 Fps. (Flashes Per Minute) maximum.

STROBE LIGHTS



- 60 watts Strobe lights.
- 9 Sequences.
- High brightness and fast flashes.
- 27 selectable flash panels
- 4 Strobe bulbs and connecting cables.

Emergency Lights



- Third generation white or two-color LED lights. Indoor use.
- Connection to cigarette lighter or auxiliary output 12V.
- Power control with sequences change.
- Includes cable extension for installation on the rear glass.
- Adjustable position, Mobile base.
- Easy installation as it adheres to the glass by means of rubber suction cups.
- 600 Fps. (Flashes Per Minute) maximum.
- High gloss and durability.
- Low battery consumption
- 12 LEDs.
- Color blue red- white red, color settings are determined upon request.

Architectural solutions

Advertising Messages Call History

Public Service Intercoms

Audio System for Companies

Intercom with elegant design for window installation

The LTG Intercom is designed especially for busy environments, high traffic of people, where security conditions and noise hinder communication and customer service effectively.



DUAL-VOX LTH Intercom

An attention to the public intercom for use with headset that allows uninterrupted communication comfortably and is completely hands-free.



Glass Intercom for offices

Perfect communication between the person and the internal microphone, allowing, allowing talk at a distance of 10-15 centimeters from the microphone. Ideal intercom for banks, other financial institutions & customer service points within an office.



VPR is a digital player of advertising messages on systems or telephone lines



PAGING SYSTEM



Conversations Digital Recorder

It has the ability to receive, process and record conversations with high-quality audio on a solid-state hard drive.

Simultaneous recording of 4 audio channels (1 week per channel). Includes software to remotely access the DAR's solid-state hard drive so you can listen to audio recordings and download a copy of the local recording

1VOX-4U lets you select, program & reproduce direct loud speaking messages, pre-recorded messages, music, advertising messages or other audio playback up to 99 scalable communication areas & large predetermined distances through IP addresses & wirelessly, allowing access from any authorized administrative area & for any size of business.

Architectural solutions

No physical contact

Effective Public relations

Efficient Communication

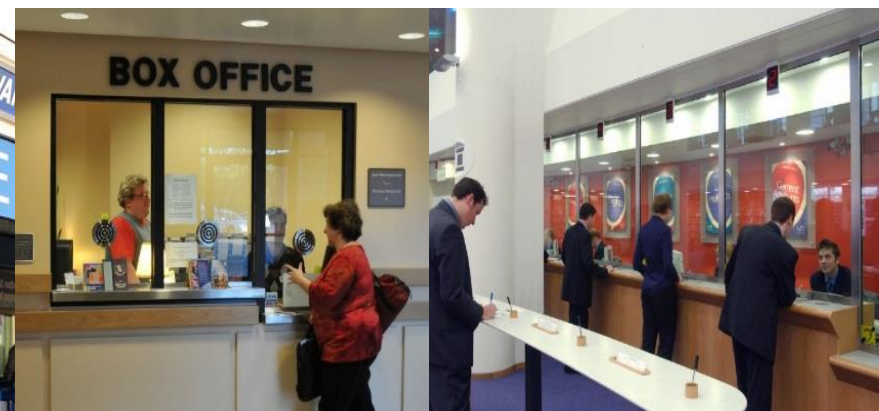
Eminent

3.5 WATTS power in internal and external speakers.

Harmonic distortion (THD) less than 1%.

High gain internal microphone (goose neck) that allows you to speak at a distance of 10 cm.

RJ9 connector for optional use with headset.



Sound alarm for emergency.

Possibility of connection with digital audio recording system (D . A . R .) .

Designed for mounting of external speaker in glass without perforation and internal unit of desktop.

External and internal volume control.



Designed for areas with low ambient noise, such as offices, projecting an excellent corporate image thanks to its elegant presentation with aluminum and steel finishes. Easy to install as it does not require drilling in the glass.

Digital processor for intelligent audio control giving a frequency response for voice intelligibility.

Mute function.

Includes aluminum cable gland (30 cms). Sensitivity calibration of the internal microphone in 3 phases.

Automatic shut down function (after 30 seconds of idleness, the intercom automatically lowers the volume by avoiding external noise).

Manual function for more privacy, allowing communication by pressing the PTT (mute) function.



EXTERNAL SPEAKER UNIT AND EXTERNAL MICROPHONE

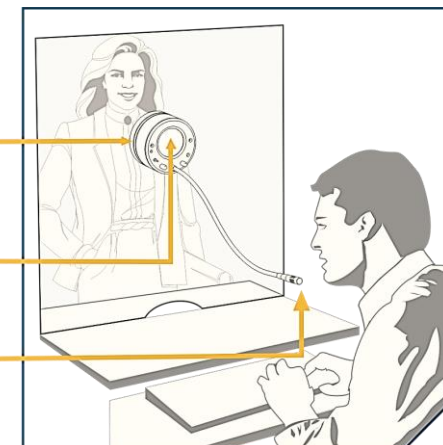
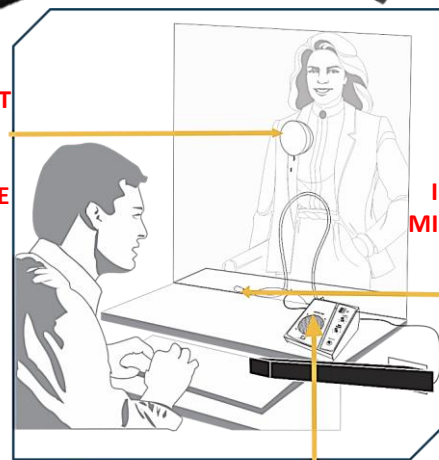
INTERNAL MICROPHONE

INTERNAL SPEAKER UNIT

EXTERNAL SPEAKER UNIT AND EXTERNAL MICROPHONE

INTERNAL SPEAKER UNIT

INTERNAL MICROPHONE



Automotive Spare Parts & Accessories

- Genuine OEM
- After Market
- 4x4 Vehicles
- Civilian Vehicles

Armoured Vehicle Components

- Intercoms & Electronics
- Bullet Resistance Glass
- Run Flats
- Mobility Solutions
- High Performance Materials
- Accessories

Architectural solutions

- Intercoms & Electronics
- High Performance Glass

Logistic Solutions

SERVICE AND SUPPORT

- ✓ We pay personalized attention and time in order to meet all your expectations.
- ✓ The products are developed and manufactured professionally and we respond in the shortest time.
- ✓ Our prices and services are competitive.
- ✓ Global Logistics



**Auto Commercial International
GTD FZCO**

