

# Two Way Communication Systems for Armored Vehicles



[www.inter-vox.com](http://www.inter-vox.com)

## Intercom for Vehicles with Separated Cabins

Models: **CC/CNC**

*(CNC model – optional with PA)*

- ⊕ Enables high quality communication with the exterior of the vehicle through closed windows
- ⊕ Enables hearing conversations outside the vehicle up to 30 m away (CNC model)
- ⊕ Enables high quality communication between separated compartments inside the vehicle
- ⊕ 100 W output power (optional for CNC model)
- ⊕ Hidden installation without modifying the vehicle original appearance
- ⊕ Newly designed remote control
- ⊕ Low talk button for lower volume output power when discreetness is needed
- ⊕ Comes with our special waterproof loudspeaker for tough conditions (CNC model)
- ⊕ Specially designed for use in taxi, limo or CIT vehicles to allow safe and quick communication between front and rear cabins (For example: between driver and guard)
- ⊕ Quick and simple handling and installation



**CNC**

**CC**



(in & out + in & in)

(or)



(in & in)

# interVOX

## Safe & Sound

Inside Loud Speaker



Rear Cabin Loud Speaker



Outside Loud Speaker



PA Loud Speaker  
(optional  
CNC model)



Main Unit



Remote Control

Outside Microphones  
(optional CNC model)



Rear Cabin Loud Speaker

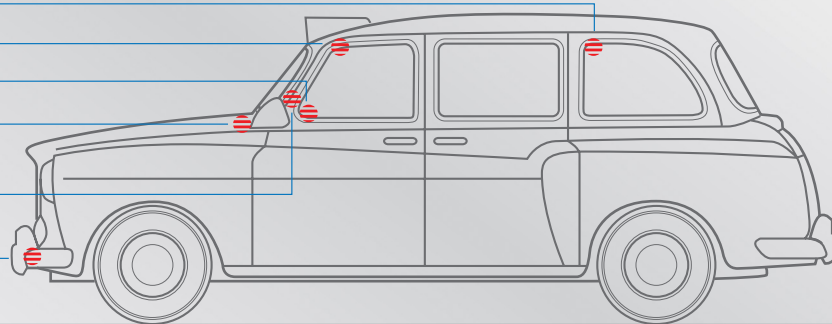
Outside Microphones

Inside Loud Speaker

Main Unit

Remote Control

Outside Loud Speaker  
& PA Loud Speaker



### Specifications GYM 12 CC-CNC

Operating Supply Voltage	12V DC
Peak Supply Voltage (t = 50 ms)	28V
Output Peak Current (not rep. t = 100 micro s.)	4.5A P/A 12 A
Output Peak Current (rep. f more 10 Hz)	3.5 A P/A 8.5 A
Output Power	25 W
Output Impedance	Between 2–8 Ohms (Normally 4 Ohms)
P/A Output Power	100 W
P/A Output Impedance	Between 4–8 Ohms (Normally 4 Ohms)
Input Power	16 W
Distortion	4 Ohm Po = 0.1 to 10 W Max. 0.5 %
Cross-Talk	f = 1kHz 65 dB f = 10kHz 55 dB
Dimensions	75x95x40 mm
Net Weight	0.6 kg
<b>Inside and Outside Microphones</b>	
Sensitivity	-70 ± 2dB 0 dB 1V/micro bar. 1 kHz
Impedance	Low impedance
Directivity	Omnidirectional
Frequency range	30–16000 Hz
Operation voltage	6.3V
Current consumption	Max. 0.6 mA
Sensitivity reduction	Within-3dB at 2V
S/N ratio	>40 dB

The windows of a vehicle are an important asset that protects the driver and passengers.

However, when the driver/passengers need to communicate with someone on the outside, that same window becomes an unwanted barrier:

The CNC/CC models are specially designed for use in taxis, limousines and CIT vehicles where the window partition that guarantees privacy becomes an impediment to directing the chauffeur.

By using an advanced voice sensor, Intervox systems enable high quality communication with the exterior and/or with separated cabins without compromising driver's safety and security.

Our newly designed remote control has a special 3 colors led lightning technology which guarantees simple handling by the driver and provides an excellent look.

All features (outside intercom, inside intercom, PA) are operated from the remote control to ensure comfortable interface for the driver:

To ensure installation simplicity all the components can be quickly installed in any convenient position on the vehicle.

Adding versatility to efficiency, the systems can be costume tailored to meet your specific needs and are available in 12, 24 and 42V.D.C.