



Active Speaker User Guide For GVXXX-Series Devices

ACCEAS100UG001

Revision: 2.00



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Contents

Contents	2
0. Revision history	3
1. General Description	4
2. Product Specification	5
2.1. Basic Specification.....	5
2.2. Frequency Response.....	5
3. Installation.....	6
3.1. Interface Description	6
3.2. Installation Example.....	6
4. Product Outside View	8

0. Revision history

Revision	Date	Author	Description of change
1.00	2012-02-14	Leo Lei	Initial
2.00	2012-5-21	Leo Lei	Updated “Operating Voltage” from 9~16V to 8~32V

1. General Description

The AS100 is an active speaker with 2 meter long wire, which designed specifically for GVXXX-series.

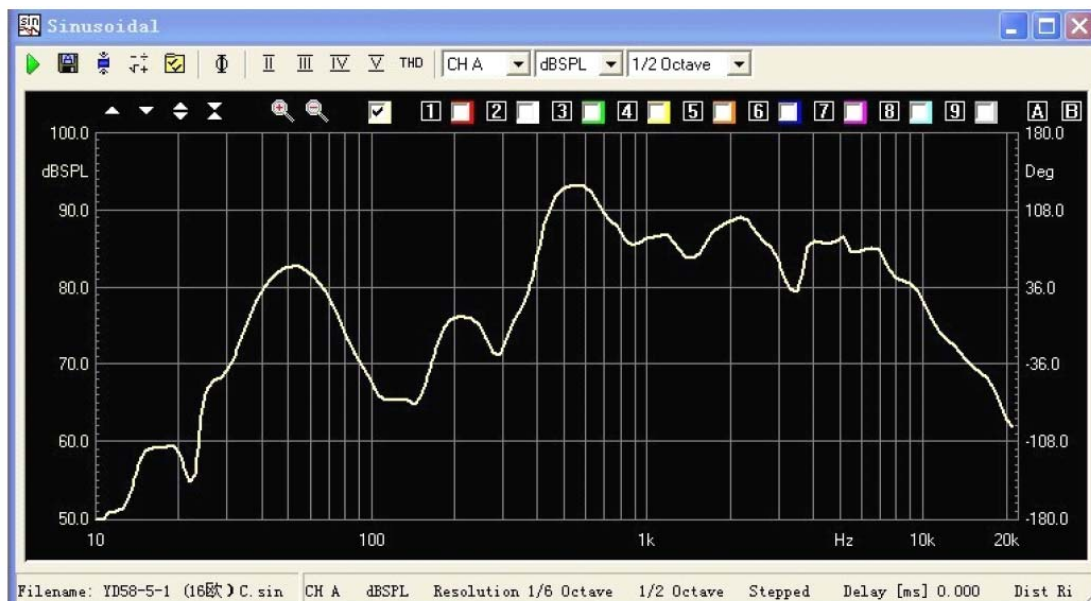
The Hands-free kit (include speaker and MIC) enables a Voice Call between GVXXX-series device and Control Center (or other Voice communications equipment). Used for both fleet management purposes, or for personal security (in case of kidnapping, for example, the Control Center can connect to the kit and hear what happens inside the vehicle).

2. Product Specification

2.1. Basic Specification

NO.	ITEM	SPECIFICATION
1	Box Size	74.5mm*68.5mm*33mm
2	Impedance	8ohm±15%
3	Frequency Range	F0-6000Hz
4	Operating Voltage	8V~32V
5	Quiescent Supply Current	2mA
6	Supply Current(f=500Hz, Vp-p=0.8V)	100mA
7	Rated Power	2W
8	Max Power	3W
9	Sensitivity	85±3dB/W/M
10	Resonance Frequency	450Hz±20%
11	Operating Temperature	-20℃~+60℃
12	Storage Temperature	-20℃~+60℃
13	Wire Length	200±3cm
14	Terminal	NO

2.2. Frequency Response



3. Installation

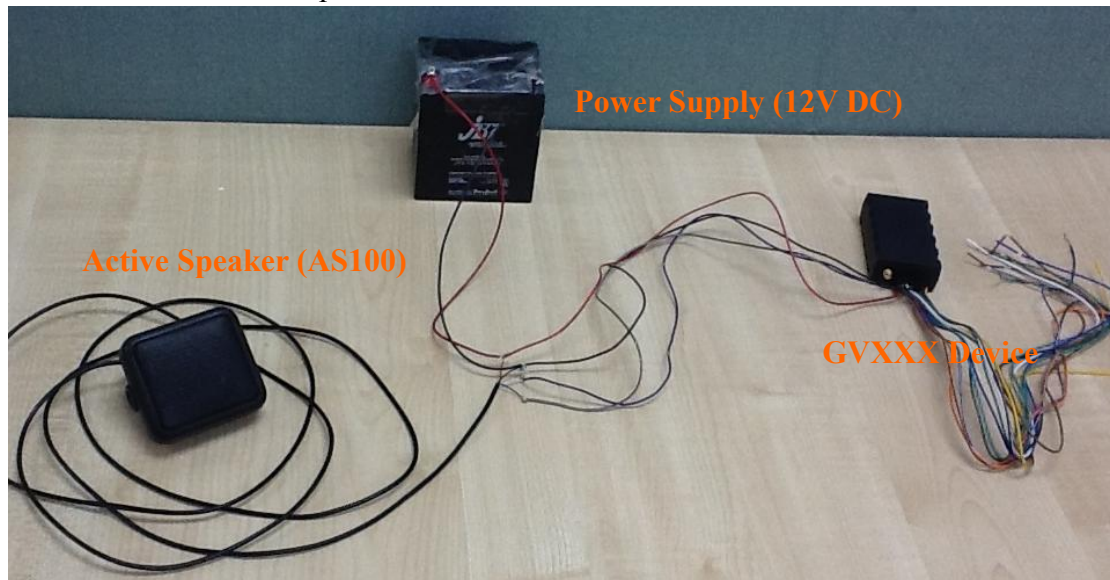
3.1. Interface Description

There are 4 wires on the active speaker, the description of the wires and sample connection between active speaker and GV300 are showed as follow:

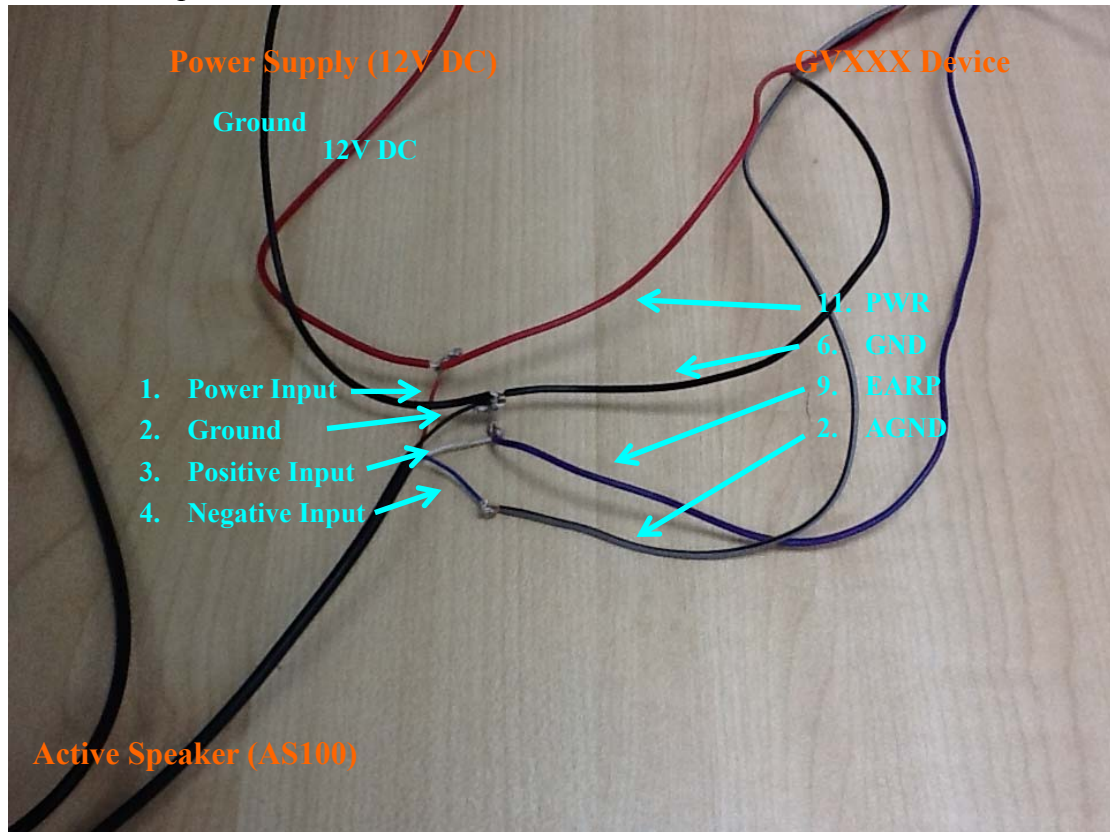
Active Speaker			Connection	GV300	
PIN No.	Color	Description	↔	PIN No.	Color
1	Red	Power input	↔	11	Red
2	Black	Ground	↔	6	Black
3	White	Speaker positive input	↔	9	Purple
4	Blue	Speaker Negative input	↔	2	Gray / Black

3.2. Installation Example

Device Connection Sample



Detail Description



4. Product Outside View

