



Microphone User Guide For GVXXX-Series Devices

ACCEAM100UG001

Revision: 1.00



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Document Title	Microphone User Guide
Version	1.00
Date	2012-02-28
Status	Release
Document Control ID	ACCEAM100UG001

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0. Revision history

Revision	Date	Author	Description of change
1.00	2012-2-28	Leo Lei	Initial

1. General Description

The AM100 is a microphone with 2 meter long wire, which designed specifically for GVXXX-series.

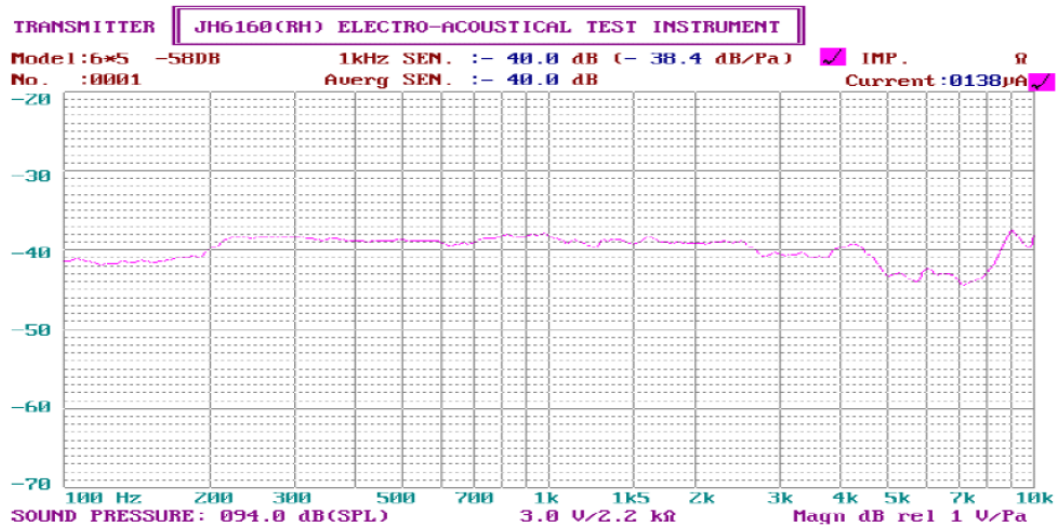
The Hands-free kit (include speaker and MIC) enables a Voice Call between GVXXX-series device and Control Center (or other Voice communications equipment). Used for both fleet management purposes, or for personal security (in case of kidnapping, for example, the Control Center can connect to the kit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

2. Product Specification

2.1. Basic Specification

NO.	ITEM	SPECIFICATION
1	Standard Operating Voltage	4.5V
2	Output Impedance(f=1KHz, 1Pa)	2.2KΩ
3	Current Consumption	150uA ~ 450uA
4	Sensitivity(0dB=1v/Pa) At 1KHz/2.2KΩ/2V	-42±3dB
5	Decreasing Voltage Characteristic(2.0V~1.5V)	-3 dB
6	S/N Ratio	≥50 dB
7	Wire Length	200±3cm
8	Terminal	NO

2.2. Frequency Response



3. Installation

3.1. Interface Description

There are 2 wires on microphone, the description of the wires and sample connection between microphone and GV300 are showed as follow:

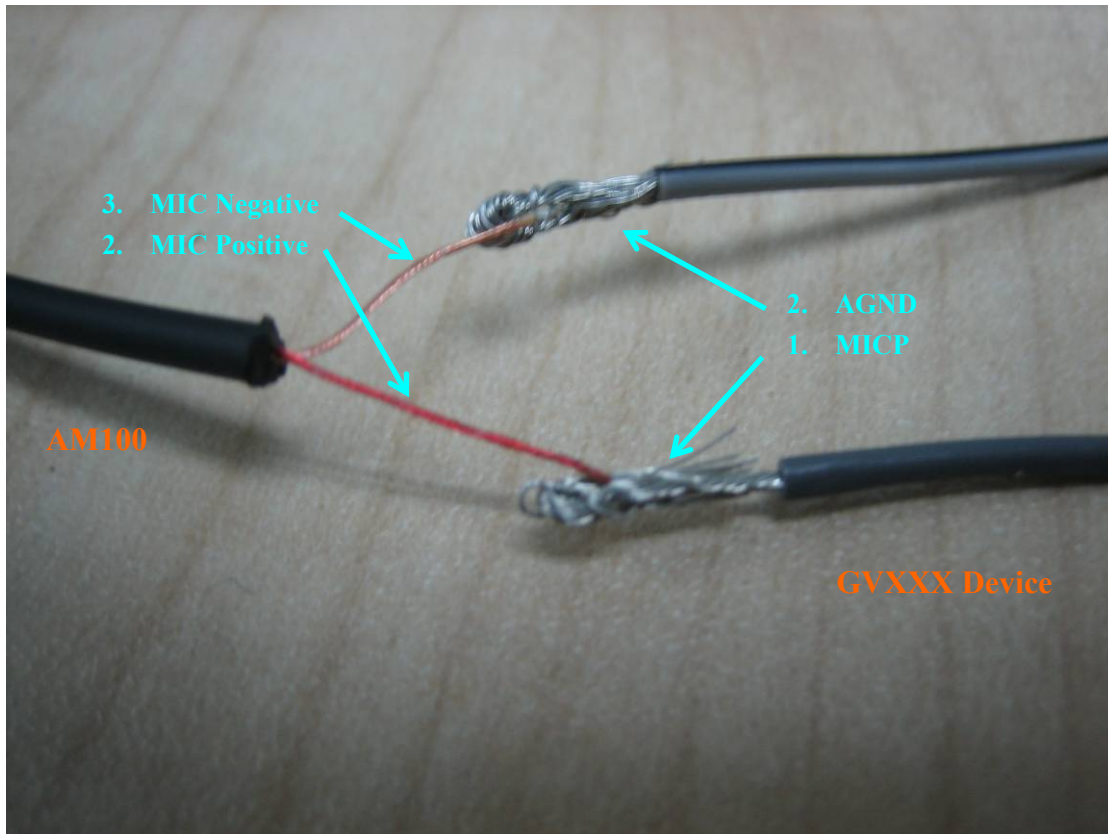
Microphone			Connection	GV300	
PIN No.	Color	Description	←→	PIN No.	Color
1	Red	MIC Positive	←→	1	Gray
2	Golden	MIC Negative	←→	2	Gray/Black

3.2. Installation Example

Device Connection Sample



Detail Description



4. Product Outside View

