

MicW[®]

User's Manual



i825/i855 Kit Lavalier microphones

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MicW[®]

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MicW microphones

Product features and specifications are subject to change without notice

1. INTRODUCTION

Welcome to the MicW i series of professional high quality microphones. We have been producing high quality microphones for test and measurement and studio recording for over 10 years. Our unique knowledge of diaphragm technology has enabled us to offer you very high quality products for audio applications.

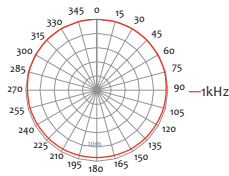
The i series is designed specifically for the iPad, iPhone, iPod Touch and other mobile devices, offering outstanding

audio performance for recording and broadcasting.

The omnidirectional i825 and cardioid i855 lavalier microphones are recommended for on air productions, forum discussions, and durable enough for ENG use. The minimal size of these microphones makes them perfectly suitable for Television and Video productions.

4. DIRECTIONAL CHARACTERISTIC

The i825 is omni directional microphone. The typical polar pattern is given in the following chart



Polar Pattern of i825

2. POWER SUPPLY

The i825 and i855 does not require an additional battery for power

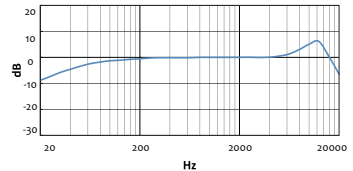


3. APPLICATIONS

The i825 and i855 can be used as a high quality alternative to the internal microphone on the iPad, iPhone, iPod Touch and other mobile device . Use for convenient interview recording , ENG, HD video production, hearing aids, dictation, conference and more.

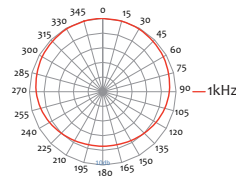
5. FREQUENCY RESPONSE

The typical frequency responses are given in the following charts



Typical Frequency Response of i825 at 50cm from the source

The i855 is cardioid microphone with the following polar pattern.

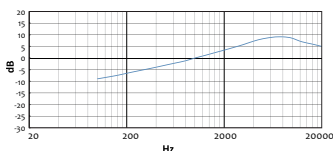


Polar Pattern of i855

6. MICROPHONE INSTALLATION

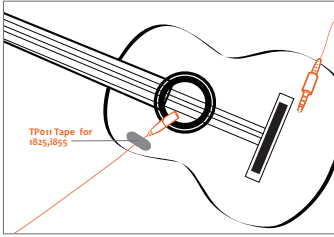
Simply plug the i825 or i855 into your headphone jack socket of the iPad, iPhone, iPod Touch or other mobile devices , The application examples are given below with the accessories provided.

① i825 with recording software on iPhone



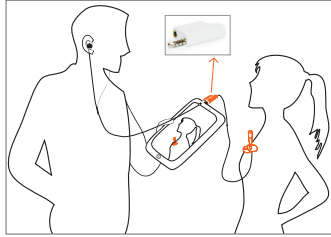
Typical Frequency Response of i855 at 50cm from the source

2 Guitar recording



Caution: It may leave the mark on the surface.

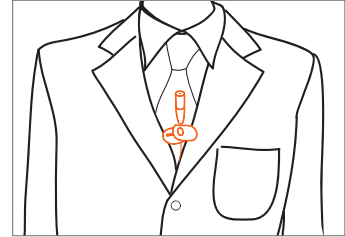
3 Interview



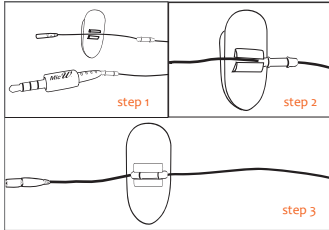
SA011

Split Adapter for 3.5mm microphone input and headphone output jacks

4 Vocal recording



5 Clip Installation



7. WARRANTY POLICY

MicW Audio warrants that its Products will be free from defects in material and workmanship for one (1) year from the date of purchase by the Original Purchaser.

8. CE MARKING



The MicW i825/i855 microphones conform with the relevant CE mark directives approved by the European commission

9. SPECIFICATIONS

Microphone i825	
Type	Electret Condenser
Capsule diameter	4.0mm
Principle of operation	Pressure
Polar Pattern	omnidirectional
Sensitivity(±3dB)	-45 dB (5.6mV/Pa)
Frequency Response	20 Hz-20kHz
S/N ratio	More than 65dB
Impedance	Less than 4.5k
Power Source	Plug-in power capability, Plug and play
Operating Temperature	-17 ~+60
Cable Length	1.6m
Weight	5g
Connector	3.5mm 4-Pole headset interface

Microphone i855	
Type	Electret Condenser
Capsule diameter	4.0mm
Principle of operation	Pressure Gradient
Polar Pattern	Cardioid
Sensitivity(±4dB)	-49 dB (3.5mV/Pa)
Frequency Response	100Hz-10kHz
S/N ratio	More than 58dB
Impedance	Less than 2.5k
Power Source	Plug-in power capability, Plug and play
Operating Temperature	-10 ~+50
Cable Length	1.6m
Weight	5g
Connector	3.5mm 4-Pole headset interface

10. PACKING LIST

i825/i855 Kit include

- 1 Microphone
- 4 Windscreens
- 2 Clips
- 10 Stick tapes
- 1 Split Adapter
- 1 User manual

12. ACCESSORIES

There are a number of accessories available from MicW. The accessories can be purchased separately:

- CB011:2m Extension cable
- CB012:Split cable
- CB013:PC/Laptop adapter cable
- AC011:Aluminum Case.
- WJ011:Windjammer
- PI49: Preamp converter



CB011
2 meter extension cable



CB013
PC/Laptop adapter cable

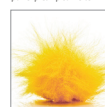


CB012

3.5mm Y-adapter to 3.5mm microphone input and headphone output jacks



PI49
2.5 Volt to 48 Volt phantom power preamp converter



WJ011
Windjammer for table microphone for maximum reduction of wind noise in outdoor environments



AC011

Microphone carrying case and stand mount, a unique aluminum storage case with 3/8" thread protects your microphone when not used and holds it when mounting on a microphone stand