



Sound Plus
Musical Instrument
Microphones

www.instrumentmic.com



Sound
Plus

The
Sax Mic[®]

SaxMic-14R & 14 Series

- ▶ Ø14mm Large pick-up super-cardioid microphone
- ▶ Acoustic filter for background noise elimination
- ▶ Perfect damping of valve and scrubbing effect
- ▶ Highly recommended for balanced tone recording
- ▶ Convenient All-in-One practical solution



Made in Korea



Wireless Microphone

Sax Mic-14R

UHF 863-865MHz PLL 16-Ch

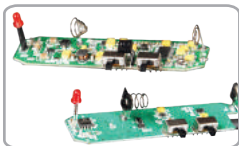
UHF 16-Ch PLL synthesized wireless antenna-diversity, Interference-free, Ample audio output with level control, **Ø14mm Extra-large** super-cardioid microphone, Perfect damping of valve noise and scrubbing sound, All-in-One Comfort.

Ø14mm Extra-Large Unit



Guarantees full sound level pick-up more than twice that of a conventional cartridge. This super-cardioid -44dB uni-directional high sensitivity Ø14mm cartridge avoids background noise so as to generate crystal clear live sound.

SMD Technology



Accurate surface mount device technology to ensure trouble-free operation of the system.

16-Ch Selectable Receiver



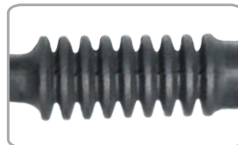
UHF 16-Ch pre-set PLL synthesized system, Volume control, IR Channel-selection, Diversity antennas for range and reliability up to 30m.

Stable Mounting Clip



Safely cushioned clip with rubber support pad ensures finger-tip stable mounting of the RX on the saxophone bell throughout active play.

Anti-Impact Bellows



Extremely soft rubber bellows eliminate valve and scrubbing effect. Also prevent possible acoustic impact between the microphone and sudden heavy blowing, so as to erase sound distortion.

Convenient Functional Switch



Selection of high and normal sensitivity, ideal to apply instant matching of sound level to the audio system under use. Also convenient On-Off power switch.

Precise Phone-plug



Extremely fine custom machined phone plug to protect the system from noise.

Unique Battery Storage



Compact battery compartment for easy replacement of 1 x 1.5V AAA battery has an elegant gold cover to compliment the instrument.

Wired Microphone

Sax Mic-14

Ø14mm Unit & Sufficient 7m cable length

Ø14mm Extra-large super-cardioid microphone, Built-in DC/DC converter for far powerful operation, Perfect damping of valve noise and scrubbing sound, Attachable strong 7m extension cable for active play, All-in-One Comfort.



*Please see further specific-details on page18~19

accordionMic

accordionMic-9R / 9 Series

- ▶ Dual microphone on the keyboard and the 3rd microphone for bass.
- ▶ UHF 16-Ch PLL synthesized True-diversity wireless system.
- ▶ Acoustic level control volume to boost more abundant bass sound.
- ▶ One-touch but firm attach/detach design
- ▶ Ample interference-free audio output





Wireless Microphone

accordionMic-9R

UHF 863-865MHz PLL 16-Ch

UHF 16-Ch PLL synthesized wireless True-diversity, Ø9.9mm Custom super-cardioid microphones for keyboard acoustic pick-up and the 3rd microphone for bass coverage, Volume control to boosting powerful bass sound, Damping of scrubbing effect.

Dual Mic for Keyboard



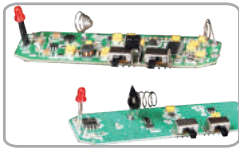
Dual microphones guarantee pick-up of all round acoustic sound from keyboard without loss so as to generate a rich sound. Super-cardioid -44dB extra high sensitivity cartridge avoids background noise.

Volume for Boosting Bass



Acoustic sound level control potentiometer adjusting loudness between the keyboard and bass from even level to boosting bass, very useful for rich sound.

SMD Technology



Accurate surface mount device technology to ensure trouble-free system operation.

True-Diversity Receiver



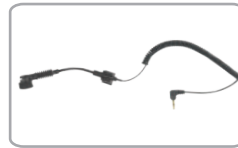
True-Diversity circuitry system for range and reliability up to 30m. UHF 16-Ch pre-set PLL synthesized system, IR Channel-selection, AC/DC dual usage of operation.

Adjustable Position of Mic



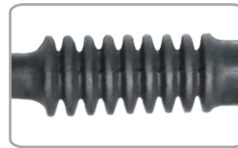
Height adjusters and special fixture pads ensure proper positioning of microphones to the diverse range of accordion models. Velcro gel-pad guarantees firm attachment of the microphones on the instrument.

Microphone for Bass



The 3rd microphone to observe boost bass sound for more powerful abundant bass acoustic.

Anti-Impact Bellows



Extremely soft and flexible rubber bellows prevent possible noise which may occur by scrubbing the instrument during playing.

Unique Sensitivity Selection



Selection of high and normal sensitivity level, ideal to apply instant matching of acoustic level to the audio system under use. Convenient On-Off power switch.

Stability of Attachment



One-touch attach/detach of the transmitter to and from instrument by high viscosity gel pad. The pad can be used time and time again and can be refreshed to maintain the viscosity by simply washing in water.

Audio Collector



Free rotatable audio sound collector prevent curling of cables.

Wired Microphone

accordionMic-9

Multi Microphone system

Dual Ø9.9mm Super-cardioid microphone system with the 3rd microphone to cover acoustic sound from keyboard and bass respectively, Acoustic level control volume to boost bass sound.



*Please see further specific-details on page 18~19

Sound
Plus

violinMic

violinMic-14R / 14 Series

- ▶ Super-cardioid Ø14mm extra large cartridge
High sensitivity -44dB pick-up microphone
- ▶ Light weight easily one-touch mountable unit
- ▶ Acoustic filter for background noise elimination
- ▶ Highly recommended for balanced tone recording
- ▶ Perfect damping of friction noise



Made in Korea



Wireless Microphone

violin Mic-14R

UHF 863-865MHz PLL 16-Ch

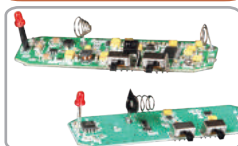
UHF 16-Ch PLL synthesized wireless diversity system, **Ø14mm extra-large** super-cardioid microphone, Interference-free, Ample audio output with level control, Custom designed bellows for vivid live sound generation. Pre-angled gooseneck microphone to observe the best acoustic sound. Damping of valve noise and scrubbing.

Ø14mm Extra-Large Unit



Guarantees full sound level pick-up more than twice that of a conventional cartridge. This super-cardioid -44dB high sensitivity Ø14mm un-directional avoids background noise so as to generate crystal live sound.

SMD Technology



Accurate surface mount device technology to ensure trouble-free system operation.

16-Ch Selectable Receiver



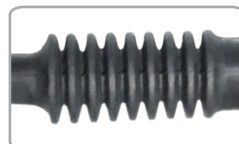
UHF 16-Ch pre-set PLL synthesized system, 16 Ch-selection, Diversity antennas for range and reliability up to 30m.

Stability of Mount Clip



One-touch attach/detach of the transmitter to and from instrument by high viscosity gel pad. The pad can be used time and time again and can be refreshed to maintain the viscosity by simply washing in water.

Anti-Impact Bellows



Custom designed soft rubber bellows prevent scrubbing effect and protect against possible sudden acoustic impact between microphone and instrument.

Unique Sensitivity Selection



Selection of the high and normal sensitivity, ideal to apply instant matching of sound level to the audio system under use. Also convenient On-Off power switch.

Custom Designed Strong Cable



Oxygen-free strong 2P-shielded cable with accurately custom machined plug to protect the system from noise.

Battery Compartment



Convenient battery compartment for easy of battery replacement of 1 x 1.5V AAA battery. Attractive electro-plated cover to match the instrument.

Wired Microphone

violin Mic-14

Ø14mm Unit & Sufficient 7m cable length

Ø14mm Extra-large super-cardioid microphone, Built-in DC/DC converter for powerful operation, Anti-friction design, Attachable 7m extension cable, One-touch attach/detach of the transmitter to and from the instrument.



Flute Mic

fluteMic-9R / 9 Series

- ▶ Stable mounting on instrument with finger-tip clip
- ▶ Super-cardioid high sensitivity microphone
- ▶ Special acoustic filter for background noise elimination
- ▶ Highly recommended for balanced tone recording
- ▶ Perfect damping of valve and scrubbing noise





Wireless Microphone

Flute Mic-9R

UHF 863-865MHz PLL 16-Ch

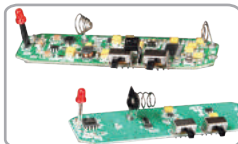
UHF 16-Ch PLL synthesized wireless diversity system, Ø9.9mm super cardioid uni-directional microphone, Diversity antennas for reliable operation of up to 30m, Free from valve and scrubbing noise, Safely cushioned clip ensures tight holding of the instrument.

Super-cardioid Microphone



Super-cardioid -44dB extra high sensitivity uni-directional cartridge avoids background noise for generation of crystal clear sound.

SMD Technology



Accurate surface mount device technology to ensure trouble-free system operation.

16-Ch Selectable Receiver



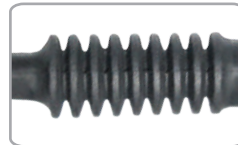
UHF 16-Ch pre-set PLL synthesized system, IR Ch-selection, Diversity antennas for range and reliability up to 30m.

Stability of Holding Clip



Safely cushioned clip ensures a firmly tight yet finger-tip holding in place around the joint of the instrument throughout active flute play.

Anti-Scrubbing Bellows



Custom designed soft rubber bellows prevent valve noise and scrubbing effect and protect against possible sudden acoustic impact between microphone and instrument.

Unique Sensitivity Selection



Selection of the high and normal sensitivity, ideal to apply instant matching of sound level to the audio system under use. Also convenient On-Off power switch.

Custom Designed Strong Cable



Oxygen-free strong 2P-shielded cable with accurately custom machined plug to protect the system from noise.

Battery Compartment



Convenient battery compartment for easy of battery replacement of 1 x 1.5V AAA battery. Attractive electro-plated cover to match the instrument.

Wired Microphone

Flute Mic-9

Built-in DC/DC converter & 7m cable

Ø9.9mm Super-cardioid uni-directional cartridge, Perfect damping of valve noise and scrubbing sound, Built-in DC/DC converter for far powerful operation, Finger-tip but tight holding of the instrument.



clarinetMic

clarinetMic-9R / 9 Series

- ▶ Dual microphone system picks up sound from bell and tone-hole individually
- ▶ Special acoustic filter inside the microphone eliminates background noise
- ▶ Perfect damping of valve and scrubbing effect
- ▶ Highly recommended for balanced tone recording
- ▶ Finger-tip but tight holding of the instrument





Wireless Microphone

clarinet Mic-9R

UHF 863-865MHz PLL 16-Ch

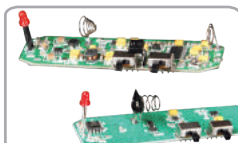
Dual microphone system picks up individual sound from the bell and tone-holes separately, Ample audio output, UHF 16-Ch PLL synthesized diversity wireless system, Super-cardioid -44dB extra high sensitivity microphone, Perfect damping of valve noise and scrubbing effect. Finger-tip but tight holding of the instrument.

Dual Microphone



Dual microphone system picks up individual sound from bell and tone-holes separately. Super-cardioid -44dB extra high sensitivity microphones avoids background noise for generation of natural transparent vivid sound.

SMD Technology



Accurate surface mount device technology to ensure trouble-free system operation.

16-Ch Selectable Receiver



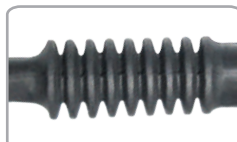
UHF 16-Ch pre-set PLL synthesized system, IR Ch-selection, Diversity antennas for range and reliability up to 30m.

Stability of Holding Clip



One-touch spring clamp with cushioned inner pad ensures firm holding around the instrument throughout active play.

Anti-Scrubbing Bellows



Custom designed soft rubber bellows prevent valve noise and scrubbing effect and protect against possible sudden acoustic impact between microphone and instrument.

Unique Sensitivity Selection



Selection of the high and normal sensitivity, ideal to apply instant matching of sound level to the audio system under use. Also convenient On-Off power switch.

Custom Designed Strong Cable



Oxygen-free strong 2P-shielded cable with accurately custom machined plug to protect the system from noise.

Battery Compartment



Convenient battery compartment for easy of battery replacement of 1 x 1.5V AAA battery. Attractive electro-plated cover to match the instrument.

Wired Microphone

clarinet Mic-9

Dual microphone with Sufficient 7m cable

The Dual microphones observe all acoustics from the bell as well as tone-holes to create a rich sound, Super-cardioid -44dB high sensitivity microphone, Built-in DC/DC converter for more powerful operation, Finger-tip but tight holding of the instrument.



Sound
Plus

acoustic-guitar Mic

acoustic-guitarMic-14R / 14 Series

- ▶ Super-cardioid Ø14mm extra large cartridge unit
High sensitivity -44dB microphone
- ▶ Light weight one-touch easily mountable unit
- ▶ Acoustic filter for background noise elimination
- ▶ Highly recommended for balanced tone recording
- ▶ Perfect damping of friction noise



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Wireless Microphone

acoustic-guitar Mic-14R

UHF 863-865MHz PLL 16-Ch

UHF 16-Ch PLL synthesized wireless diversity system, **Ø14mm extra-large** super-cardioid microphone, Interference-free, Ample audio output with level control, Custom designed precise plug protect system from noise, Pre-angled gooseneck microphone to observe the best acoustic sound. Perfect damping of scrubbing sound.

Ø14mm Extra-Large Unit



Guarantees full sound level pick-up more than twice that of a conventional cartridge. This super-cardioid -44dB high sensitivity Ø14mm un-directional avoids background noise so as to generate crystal live sound.

SMD Technology



Accurate surface mount device technology to ensure trouble-free system operation.

16-Ch Selectable Receiver



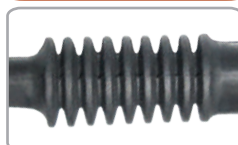
UHF 16-Ch pre-set PLL synthesized system, IR Ch-selection, Diversity antennas for range and reliability up to 30m.

Stability of Mount Clip



One-touch attach/detach of the transmitter to and from instrument by high viscosity gel pad. The pad can be used time and time again and can be refreshed to maintain the viscosity by simply washing in water.

Anti-Impact Bellows



Custom designed soft rubber bellows prevent scrubbing effect and protect against possible sudden acoustic impact between microphone and instrument.

Unique Sensitivity Selection



Selection of the high and normal sensitivity, ideal to apply instant matching of sound level to the audio system under use. Also convenient On-Off power switch.

Custom Designed Strong Cable



Oxygen-free strong 2P-shielded cable with accurately custom machined plug to protect the system from noise.

Battery Compartment



Convenient battery compartment for easy of battery replacement of 1 x 1.5V AAA battery. Attractive electro-plated cover to match the instrument.

Wired Microphone

acoustic-guitar Mic-14

Ø14mm cartridge & Sufficient 7m cable length

Ø14mm Extra-large super-cardioid microphone, High sensitivity -44dB cartridge unit, Oxygen free 7m extension cable, Built-in DC/DC converter for more powerful operation, Anti-vibration design to eliminate scrubbing effect.



Sound
Plus

elec-guitarMic

elec-guitarMic-R

- ▶ UHF 16-Ch PLL interference-free wireless
- ▶ Diversity antenna guarantees operation range and reliability up to 30m
- ▶ Custom machined precision phone-plug
- ▶ Highly recommended for balanced tone recording



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Wireless Microphone

elec-guitar Mic

UHF 863-865MHz PLL 16-Ch

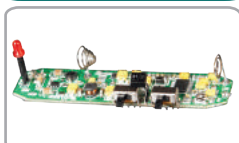
UHF 16-Ch PLL synthesized wireless diversity system, Interference-free, Ample audio output with level control, Hi fidelity circuitry for generation of crystal sound, Custom machined precise phone-plug eliminates scrubbing noise.

Hi-fidelity Circuitry



Hi-fidelity electronic circuit guarantees even and faithful amplification of acoustic signal from the instrument.

SMD Technology



Accurate surface mount device technology to ensure trouble-free system operation.

16-Ch Selectable Receiver



UHF 16-Ch pre-set PLL synthesized system, IR Ch-selection, Diversity antennas for range and reliability up to 30m.

Comfortability



All-in-One comfortability consisting of phone plug, electronic circuitry, battery, antenna, etc. are all in one case.

Choice of Phone Jack



Choice of precision phone plug depending on the instrument.

Unique Sensitivity Selection



Selection of the high and normal sensitivity, ideal to apply instant matching of sound level to the audio system under use. Also convenient On-Off power switch.

Custom Designed Strong Cable



Oxygen-free strong 2P-shielded cable with accurately custom machined plug to protect the system from noise.

Battery Compartment



Convenient battery compartment for easy of battery replacement of 1 x 1.5V AAA battery. Attractive electro-plated cover to match the instrument.

Wireless Microphone

elec-guitar Mic

UHF 863-865MHz PLL 16-Ch

Hi-fidelity circuitry for reinforcement of faithful acoustic sound covering all frequency range, UHF 16-Ch PLL synthesized wireless diversity system, Damping of scrubbing noise.



*Please see further specific-details on page 18~19

Sound
Plus

harmonica Mic

HarmonicaMic-14R / 14 Series

- ▶ UHF 16-Ch PLL synthesized wireless system,
- ▶ Extra large Ø14mm high sensitivity unit
- ▶ Ample interference-free audio output
- ▶ Wide reflex unit for rich acoustic pick-up
- ▶ Well harmonized to comfortably fit into palm



Made in Korea



Wireless Microphone

harmonica Mic-14R

UHF 863-865MHz PLL 16-Ch

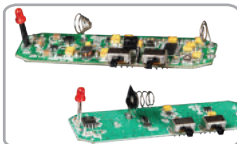
UHF 16-Ch PLL synthesized diversity wireless system, Ø14mm Extra large high sensitivity super-cardioid unit, Wide acoustic reflex unit guarantees pick-up of full sound range, Excellent audio output with level control, Comfortably fits into palm.

Ø14mm Extra Large Unit



Sound pick-up guaranteed by super-cardioid -44dB high sensitivity microphone central to the system. Ø14mm extra large cartridge picks up all even frequency sound from low to high.

SMD Technology



Accurate surface mount device technology to ensure trouble-free system operation.

16-Ch Selectable Receiver



UHF 16-Ch pre-set PLL synthesized system, IR Ch-selection, Diversity antennas for range and reliability up to 30m.

Guarantee of Sound Pick-up



The wide funnel shaped acoustic reflex unit guarantees pick-up of sound during all blow playing conditions.

Holding Comfort



Design especially harmonized to ensure the most comfortable grip between fingers and palm of hand.

Unique Sensitivity Selection



Selection of the high and normal sensitivity, ideal to apply instant matching of sound level to the audio system under use. Also convenient On-Off power switch.

Custom Designed Strong Cable



Oxygen-free strong 2P-shielded cable with accurately custom machined plug to protect the system from noise.

Battery Compartment



Convenient battery compartment for easy of battery replacement of 1 x 1.5V AAA battery. Attractive electro-plated cover to match the instrument.

Wired Microphone

harmonica Mic-14

Harmonized and comfortably fits into palm

Ø14mm Large super-cardioid microphone unit, Practical 7m length oxygen free extension cable, Built-in DC/DC converter for more powerful operation, The big reflex collector for rich acoustic observation, Comfortably fits into palm.



*Please see further specific-details on page 18~19

Wireless Microphone

TX: Transmitter Mic.	saxMic-14R	violinMic-14R	fluteMic-9R
Frequency / Channel	UHF 863 ~ 865MHz / 16-Ch Pre-set (Option: Any other frequencies)		
Microphone Size	Ø14mm, Extra-Large unit / 154mm ² (Sound Pick-up dimension)		Ø9.9mm
Microphone Sensitivity	-44dB (Pascal) / Super cardioid Uni-directional		
Spurious	-50dBm		
Pre-emphasis	50usec		
Audio Frequency	50 ~ 20,000Hz		
RF Output	10mW (Depends on regulation)		
Battery type & Consumption	1 x 1.5V AAA / 50mA, approx.		
Operating Distance	Approx. 30m (LOS: Approx. 50m)		
Antenna	1/4 Wave length wire		

TX: Transmitter Mic.	accordionMic-9R	harmonicaMic-14R	clarinetMic-9R
Frequency / Channel	UHF 863 ~ 865MHz / 16-Ch Pre-set (Option: Any other frequencies)		
Microphone Size	Ø9.9mm	Ø14mm, Extra-Large / 154mm ² (Sound Pick-up dimension)	Ø9.9mm
Microphone Sensitivity	-44dB (Pascal) / Super cardioid Uni-directional		
Number of Microphone	2(Two) for Keyboard + 1(One) for Bass	1(One)	2(Two): Each for Bell and Tone-hole respectively
Spurious	-50dBm		
Pre-emphasis	50usec		
Audio Frequency	50 ~ 20,000Hz		
RF Output	10mW (Depends on regulation)		
Battery Type / Consumption	Built-in Rechargeable Li-Polymer	1 x 1.5V AAA / 50mA, approx.	
Operating Distance	Approx. 30m (LOS: Approx. 50m)		
Antenna	1/4 Wave length wire		

TX: Transmitter Mic.	acoustic-guitarMic-14R	electric-guitarMic
Frequency / Channel	UHF 863 ~ 865MHz / 16-Ch Pre-set (Option: Any other frequencies)	
Microphone	Ø14mm, Extra-Large / 154mm ² (Sound Pick-up dimension)	N/A
Microphone Sensitivity	-44dB (Pascal) / Super cardioid Uni-directional	N/A
Spurious	-50dBm	
Pre-emphasis	50usec	
Audio Frequency	50 ~ 20,000Hz	
RF Output	10mW (Depends on regulation)	
Battery	1 x 1.5V AAA / 50mA	
Operating Distance	Approx. 30m (LOS: Approx. 50m)	
Antenna	1/4 Wave length wire	

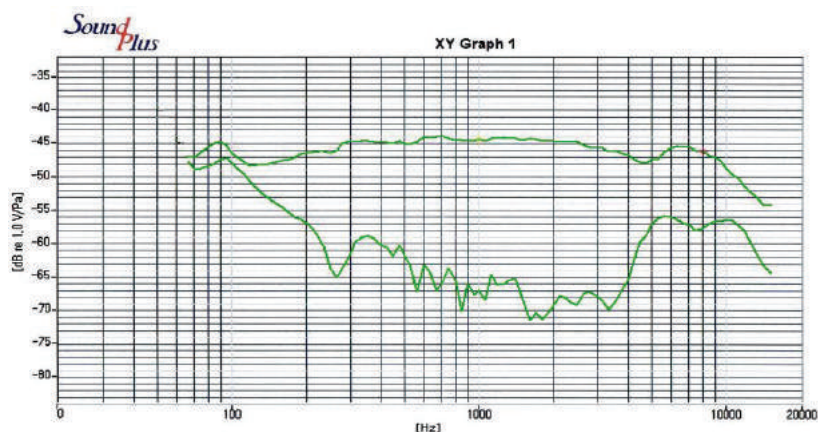
RX: Receiver	Specification (Over-all)
Frequency / Channel	UHF863 ~ 865MHz / 16-Ch Pre-set (Option: Any other frequencies)
Modulation type	F3E
OSC Circuit	PLL
Stability	SINAD ≥ 30dB 10dB
S/N	95dB (f1KHz=1mV)
THD	<0.8%
Impedance	Approx. 5KΩ
Audio Output	Approx. 400mV (f=40KHz)
Antenna	2 x 1/4 Wave Length Rod-Antenna-Diversity
Power	AC/DC Adapter: AC100~240V/DC9V-500mA accordionMic-9R: 2 x 1.5V AA & AC/DC and/or Adapter: AC100~240V / DC9V-500mA

Wired Microphone

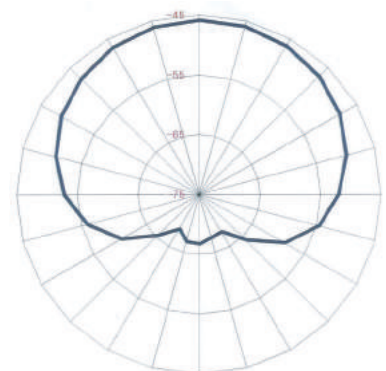
Specification	saxMic-14	violinMic-14	fluteMic-9	clarinetMic-9
Microphone	Ø14mm, Extra-Large unit / 154mm ² (Sound Pick-up dimension)		Ø9.9mm	
Directivity	Uni-Directional			
Microphone Type	Super Cardioid, Back electret			
Microphone Sensitivity	-44dB ±2dB			
Number of Microphone	1(One)		2(Two): For Bell and Tone-hole	
Impedence	≥ 6.8kΩ			
Power	Built-in DC/DC Converter: DC3.3V (By 1 x AAA 1.5V)			
Power Consumption	Max approx. 4.9mA			
Battery Life time	Approx. 60 days (Depends on operating condition)			
Weight (Main unit only)	Approx. 62g	Approx. 56g	Approx. 60g	Approx. 62g
Cable	2P / Shielded, Oxygen free			
Cable Length	Total approx. 7m			
Cable Connection	Mini XLR-3pin with Lock			

Specification	harmonicaMic-14	acoustic-guitarMic-14	accordionMic-9	electric-GuitarMic
Microphone	Ø14mm, Extra-Large unit / 154mm ²		Ø9.9mm	N/A
Directivity	Uni-Directional			N/A
Microphone Type	Super Cardioid, Back electret			N/A
Microphone Sensitivity	-44dB ±2dB			N/A
Number of Microphone	1(One)		2(Two) for Keyboard + 1(One) for Bass	
Impedence	≥ 6.8kΩ			N/A
Power	DC/DC Converter: DC3.3V (By 1 x AAA 1.5V)			
Power Consumption	Max approx. 4.9mA			
Battery Life time	Approx. 60 days (Depends on operating condition)			
Weight (Main unit only)	Approx. 59g	Approx. 56g	Approx. 116g	Approx. 62g
Cable	2P/Shielded, Oxygen free			
Cable Length	Total approx. 7m			
Cable Connection	Mini XLR-3pin with Lock			N/A

◆ Frequency Response



◆ Polar Pattern



Remark: We reserve the right to alter specifications without notice. Specifications are subject to our final confirmation.

The Instrument Microphones Specialist



Msestro Sergio Biuffrida



Maestro Johann Brunner & Breda



Maestro Ben Maupin



Maestro Zoltan Kiss

Sound Plus

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ISO-9001 Quality Approval



ISO-14001 Environment



Export Award