

WIRELESS SYSTEM FOR ACCORDION

This complete WMS 80 system for accordionists is easy to set up and includes the following components: Two "low-profile" C 416^m L hypercardioid, flat-response MicroMics for accordion miking, one B 29 L battery supply/mini mixer, one PT 80 transmitter, one SR 80 receiver, mounting hardware, and two connecting cables. It has never been so easy to convert to wireless!



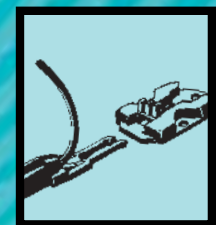
B 29 L Battery Supply/Mini Mixer

The B 29 L battery supply powers the two C 416^m L MicroMics mounted on the accordion. A built-in mini mixer allows you to adjust bass and treble volumes separately, and feeds the output mix to the bodypack transmitter.



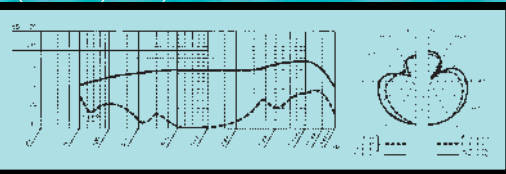
Placing the Microphones

To mic up the bass side, place one C 416^m L near a sound hole. Aim the other C 416^m L at the treble side. Adjust the balance between bass and treble on the B 29 L.



Mounting on the Accordion

The bracket on the gooseneck as well as the H 416 installation plate, double-sided adhesive rubber plates, and adhesive compound supplied with the system make mounting the C 416^m L on the accordion a cinch. The bracket snaps into the installation plate to hold the microphone firmly in place and makes it easy to detach the microphone for shipping and to replace it on the instrument.



C 416^m L frequency response and polar diagram



ACCORDION

PACKAGE CONTENTS



SR 80

Receiver



PT 80

Bodypack Transmitter



2x C 416^m L

Accordion MicroMics



B 29 L

Battery Supply/
Mini Mixer



MK/G L

Connecting Cable



5-m (16-ft.)

Microphone Cable



WMS 80 FEATURES:



15 selectable frequencies for interference-free operation



Digital four-level diversity for reliable reception



Professional audio outputs including balanced XLR and unbalanced 1/4" jack

SR 80 SPECIFICATIONS

Carrier frequencies:	710 to 860 MHz
Modulation:	FM
Audio bandwidth:	50 to 20,000 Hz
THD:	<0.8%
Signal/noise ratio (A-weighted):	>108 dB(A)
Balanced audio output:	3-pin XLR switchable to mic or line level (+30 dB typ. bal., +6 dB unbal.)
Unbalanced audio output:	1/4" jack (0 dB)
Size (WxHxD):	210 x 170 x 42 mm (8.3 x 6.7 x 1.7 in.)
Standard accessories:	Rack mounting hardware, AC adapter, batteries



Rugged mini XLR connector



Security cover protects controls from misadjustment



Input gain control and channel selector

PT 80 SPECIFICATIONS

Carrier frequencies:	710 to 860 MHz
Modulation:	FM
Audio bandwidth:	50 to 20,000 Hz
THD:	<0.8%
Signal/noise ratio (A-weighted):	>108 dB(A)
RF output:	10 mW (ERP)
Battery life:	10 hours (2 x 1.5 V AA size dry batteries)
Size:	95 x 65 x 20 mm (3.5 x 2.6 x 0.7 in.)
Weight:	76 g (2.7 oz.)

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Microphones - Headphones - Wireless Microphones - Wireless Headphones - Headsets - Electroacoustical Components

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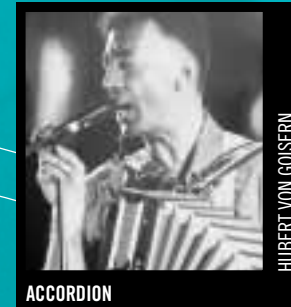
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GUITAR, BASS

RICK SAVAGE



ACCORDION

HUBERT VON GOISERN



WIND INSTRUMENTS

JIMMY ROBERTS



SPEECH

PRESENTER

WIRELESS SYSTEMS FOR:

GUITAR/BASS ACCORDION WIND INSTRUMENTS PRESENTERS



15 selectable frequencies for interference-free reception

Digital four-level diversity for reliable reception

"Plug&play" systems for four different application areas

100 % AKG acoustics

WMS 80

BODYPACK SYSTEMS



WMS 80 Wireless System for Guitar/Bass



WMS 80 Wireless System for Accordion



WMS 80 Wireless System for Wind Instruments



WMS 80 Wireless System for Presenters



WIRELESS SYSTEM FOR GUITAR/BASS

Wireless System for Guitar and Bass

The WMS 80 Guitar/Bass System is a "plug&play" solution for guitarists and bassists searching for a wireless link for their instrument, and includes a PT 80 transmitter, SR 80 receiver, and two connecting cables. The RF transmission circuitry has been designed to accommodate the high peak levels of these instruments and an input gain control lets you match the transmitter to the expected signal levels (depending on your playing technique or pickups). Due to its small size, the receiver will keep a low profile wherever it is placed (above the heads of the audience wherever possible). The best way to ensure consistent radio transmission is to maintain a line of sight from the transmitter to the receiver.

XLR Connection to the Mixer

Use the supplied XLR cable to connect the receiver to the mixing console. We recommend this balanced connection for feeding a bass signal directly to the mixer.

Jack Connection to the Mixer

You can also use a standard jack-to-jack cable to connect the receiver directly to the console. Note that long unbalanced cables may pick up hum.

Jack Connection to an Amp

Use a standard jack-to-jack cable to feed the receiver output signal to your amp.

PACKAGE CONTENTS



SR 80 Receiver



PT 80 Bodypack Transmitter



MK/G L Connecting Cable



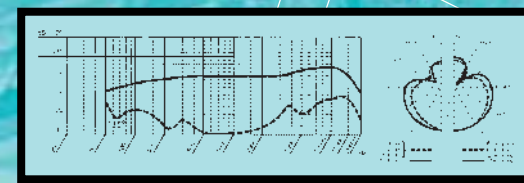
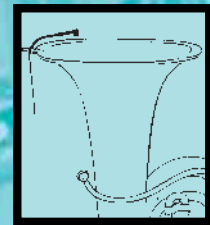
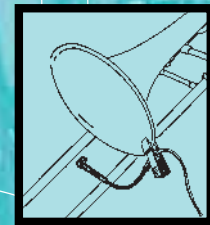
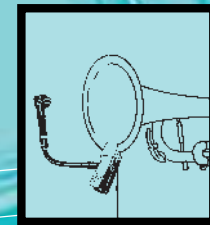
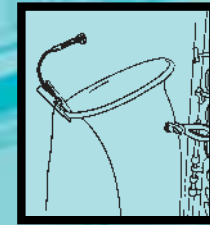
5-m (16-ft.) Microphone Cable

WIRELESS SYSTEM FOR WIND INSTRUMENTS

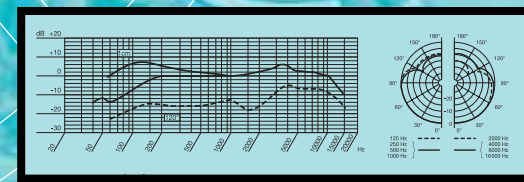
The WMS 80 Wireless System for Wind Instruments is available with a dynamic or a condenser microphone. The choice is yours. The D 409 L MicroMic is a cost efficient alternative to the C 419[™] L MicroMic, providing a smooth frequency response and powerful sound. You can adjust the bass range from dry to opulent by varying the spacing between the microphone and the instrument. A slight presence boost between 3 kHz and 7 kHz makes the instrument sound cut through the loudest mix. The C 419[™] L is a condenser microphone and delivers crisp, clear upper mids and highs. Both microphones are hypercardioids so they can be used near monitor wedges and feature a clip for easy attachment to the instrument.

Attaching and Aligning the Microphone

You can use the C 419[™] L or D 409 L on all wind instruments including the saxophone, clarinet, tubas, trombone, and trumpet. Just clip the mic on the bell and direct it to the center of the bell. If you get too much wind noise, aim at the rim of the bell. Experiment to find the best position.



C 419[™] L frequency response and polar diagram



D 409 L frequency response and polar diagram

PACKAGE CONTENTS



SR 80 Receiver



PT 80 Bodypack Transmitter



C 419[™] L Condenser Microphone

OR



D 409 L Dynamic Microphone



5-m (16-ft.) Microphone Cable

WIRELESS SYSTEM FOR PRESENTERS

Most presenters and lecturers today use lavalier microphones. The WMS 80 Wireless System for Presenters from AKG is a "plug&play" solution that includes a microphone, PT 80 transmitter, SR 80 receiver, and all required accessories. The system is available with either a C 444 L head-worn microphone or a C 417[™] L lavalier microphone for various applications.

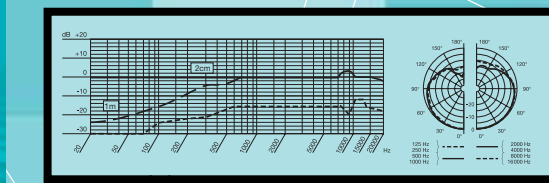
The C 444 L head-worn microphone provides maximum mobility. It will stay in place even if you move your head suddenly, and is very comfortable to wear. For inconspicuous miking, we recommend the C 417[™] L. Hardly visible when attached to the user's clothes, it provides an extended, flat frequency response optimized for voice pickup.

C 444 L Head-worn Microphone

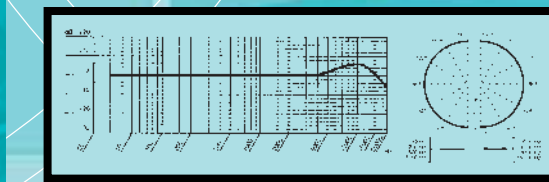
Place the microphone arm near the corner of the user's mouth. To eliminate pop noise, move the mic further away or use the supplied windscreen.

C 417 L Lavalier Microphone

Inconspicuous lavalier microphone for miking up lecturers and presenters. Extended, flat frequency response. Use the supplied clip or tie pin to fasten the mic on the user's clothes, connect the cable to the transmitter, and hide the transmitter in a jacket or shirt pocket. A windscreen is supplied with the system.



C 444 L frequency response and polar diagram



C 417[™] L frequency response and polar diagram

PACKAGE CONTENTS



SR 80 Receiver



PT 80 Bodypack Transmitter



C 444 L Head-worn Microphone

OR



C 417[™] L Lavalier Microphone



5-m (16-ft.) Microphone Cable

