

4x 16-FREQUENCIES

MODULAR UHF-SYSTEM

RCS®
AUDIO-SYSTEMS



UHF WIRELESS-MICROPHONE SYSTEM



Mobile- or fixed installation for:

- Exhibitions and Fairs
- Seminars and Schools
- Stage Church and Sporting Events

FREQ
4x16



Picture: Full extension of the UR-016 (+ 4 modules URM-016)



- True diversity technology
- Available in 2 frequencies
- 620-640 MHz + 863-865 MHz

The module carrier UR-016B / C can be equipped as required with up to 4 receiver modules URM-016B / C. The 4-channel UHF system is offered in 2 frequency ranges. This results in the use of multiple systems, the ability to operate up to 8 microphones at the same time. The True Diversity technology also achieves the best results in problematic broadcasting environments.

- Very small space requirement with only one height unit
- Four balanced XLR outputs and one additional mix-out
- Internal active antenna splitter
- Removable antennas for mounting in 19" cabinets

★

Information about the frequencies:

The frequencies used are generally assigned for professional users. It is no longer necessary to register for use.

Basis version: UR-016 without modules (URM-016)



4-tray Module carrier, (863-865 MHz) UR-016B
 for up to 4 pcs. URM-016B, incl. power supply, 19" angle and antennas

4-tray Module carrier, (620-640 MHz) UR-016C
 for up to 4 pcs. URM-016C, incl. power supply, 19" angle and antennas

Technical data	UR-016B	UR-016C
Frequency Range	863 – 865 MHz (16 frequencies)	620 – 640 MHz (16 frequencies)
Functional principle	True Diversity	
Operating principles	> 100 dB	
Signal-to-noise ratio	50 Hz – 15 KHz	
Frequency response	< 0,5 % (at 1KHz)	
Distortion factor	„NoiseLock“ Squelch	
Squelch	MIC = XLR sym.; -10dB	
Audio-Output	LINE = jack plug (6,3 mm) unbal.; -10dB	
Antenna	TNC-Connector, removable	
Power supply	12 V DC via power supply	
Scope of supply	Module carrier (4-tray), power supply unit, antenna, 19"-Angle	
Dimensions / Weight	W 420 mm x T 180 mm x D 44,3 mm (H); approx. 3 kg	

UHF-Receiver Module



UHF receiver module in true diversity technology for installation in the UR-016B / C. The display is used to display the selected channel. Per UR-016 base unit, a maximum of four receiver modules can be installed.

UHF-Receiver Module, (863-865 MHz) URM-016B
 Extension module with 16 frequencies for UR-016B

UHF-Receiver Module, (620-640 MHz) URM-016C
 Extension module with 16 frequencies for UR-016C

UHF-Wireless Hand Microphone



CE 0336
CE 0336D

Description

This UHF-Hand Microphone is equipped with a premium condenser microphone capsule. It is a very handy microphone. The 16 frequencies can easily be adjusted via a comfortable Dip-switch. The power supply results from 2 Mignon-Batteries.

Technical data	UH-016B	UH-016C
Carrier frequency	863 – 865 MHz (16 frequencies)	620 – 640 MHz (16 frequencies)
Modulation	FM	
Transmission	PLL synth.	
RF Output Power	10 mW	
Frequency response	50 Hz – 18 kHz	
Microphone type	Condensator	
Power supply	2 papprox. Mignon (1,5V; AA) or accu (1,2 V, AA)	
Transmission range	approx. 50 – 80 m	
Dimensions / Weight	Ø 30 mm x L 290 mm; 230 g	

UHF-Hand Microphone, (863-865 MHz) UH-016B

UHF-Hand Microphone, (620-640 MHz) UH-016C

Neckworn Microphone

3-pin MINI XLR



Very comfortable condenser-neckworn-microphone conducted in the characteristic of a kidney. Due to the low dead-weight and the flexible material this microphone fits all head shapes perfectly. Available in the colours “skin-colour” and “black”.

Neckworn Microphone, skin-color. HS-200S

Neckworn Microphone, black HS-200B

UHF-Bodypack-Transmitter



CE 0336
CE 0336D

3-pin MINI XLR

for LA-200B
or HS-200S/B

Description

Body pack-Transmitter with 16 eligible frequencies. The input sensitivity is changeable in order to be able to induct Mic- and Line signals. The power supply results from 2 Mignon-Batteries.

Technical data	UB-016B	UB-016C
Carrier frequency	863 – 865 MHz (16 frequencies)	620 – 640 MHz (16 frequencies)
Modulation	FM	
Transmission	PLL synth.	
RF Output Power	10 mW	
Frequency response	50 Hz – 18 kHz	
Microphone type	mini-XLR 3-pol.	
Power supply	2 papprox. Mignon (1,5V; AA) or accu (1,2 V, AA)	
Transmission range	approx. 50 – 80 m	
Dimensions / Weight	W 70 mm x H 100 mm x D 18 mm; 100 g	

UHF-Transmitter, (863-865 MHz) UB-016B

UHF-Transmitter, (620-640 MHz) UB-016C

Lavalier Microphone

3-pin MINI XLR



Condenser microphone completed in ball-characteristic. Delivery includes an 80 cm long connecting cable and a clip. The microphone is very discreet and you can fix it on your clothes wherever you want. It is available in the colour black.

Lavalier Microphone, black LA-200B

Accessories

19"-Rackmount Set

for 1 pcs. UR-016



19" brackets for antenna mounting on one receiver unit (1 RU).

Mounting-Set . **RU-502T**

1 RU, for 1 pcs. UR-016

Microphone-Holder

for microphone UH-016



Mic.-Holder **MH-800**

for wireless Hand microphones

UHF-Antenna-Holder



Holder **AH-200TNC**

UHF-Antenna-Holder (1 pair)

50 ohms Antenna cable, equipped with TNC-Connectors. To install the UHF antenna in a distance (in your order please declare the desired cable length).

Antenna cable, [desired length] **ACT-050/xx TNC**