

MCS 20

Power Supply Unit

Order # 486.337



FEATURES

- Connection of up to 60 microphone units
- Space-saving 19" housing
- Simple extension of the system with several MCS 20 power supply units by cascading
- AF input for external sound sources, XLR, balanced, ungrounded
- Input level adjustable via potentiometer
- AF outputs for recording and audio transmission
- Operation is not position-dependent
- Overcurrent and thermo protection
- All connections on the rear
- Power on LED on the front

DESCRIPTION

The MCS 20 power supply unit has been designed to power all devices in the MCS 20 conference system. Up to 60 microphone units can be connected to one power supply unit. The number of required power supply units for one system depends on the number of open microphones and cable lengths in the system. Therefore, the number of open MCS 221 delegate units (max. 8) must be taken into account. The operation of the MCS 20 is not position-dependent. Several units can be piled in a rack.

TECHNICAL SPECIFICATIONS

Frequency response	50 - 20,000 Hz
Input power	250 VA
Output power	150 W
Output current	± 3 A
Output voltage	± 24 V
Output level (XLR / RCA)	+6 dBu, balanced
Input level (XLR)	-10 - +6 dBu, balanced
Power supply voltage	100 - 240 V AC
	50/60 Hz
Mains fuse	3.15 AT
Ambient temperature	0 °C to +40 °C
	(at a humidity of 90%)
Dimensions (L x H x D)	483 x 44 x 165 mm
Weight	2700 g

SUPPLIED ACCESSORIES

CA 1810	Connecting cable, 10 m long . . .	Order # 486.361
CA 1801	System extension cable, 30 cm long	Order # 486.620

OPTIONAL ACCESSORIES

CA 1802	Connecting cable, approx. 2.5 m long	Order # 486.345
CA 1805	Connecting cable, 5 m long	Order # 486.353
CA 1810	Connecting cable, 10 m long	Order # 486.361
CA 1820	Connecting cable, 20 m long	Order # 486.388
CA 1800	Connecting cable, sold by metre without connector	Order # 486.396
CA 1813	T-adaptor	Order # 486.612
CA 1835	Connector, 8-pin Renk	Order # 486.639

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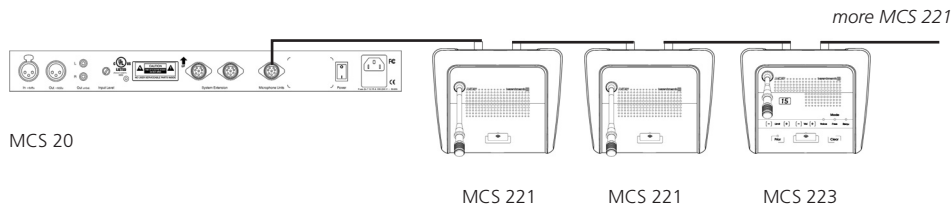
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MCS 20

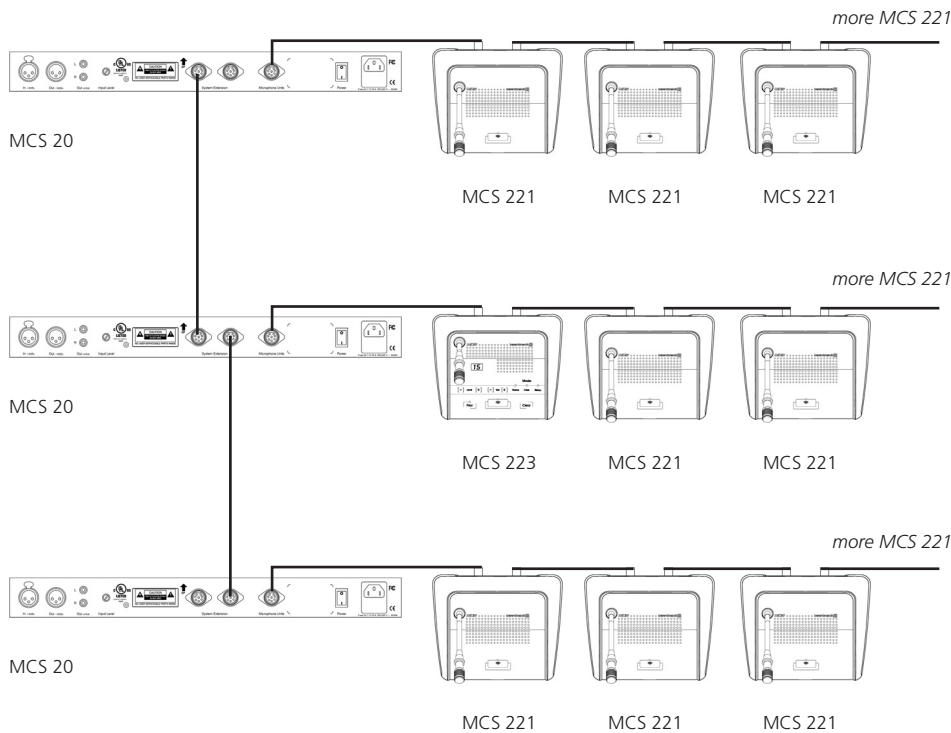
CONNECTION

System with one MCS 20 power supply unit



Note: A maximum of 60 microphone units can be connected to one power supply unit.

System with several MCS 20 power supply units

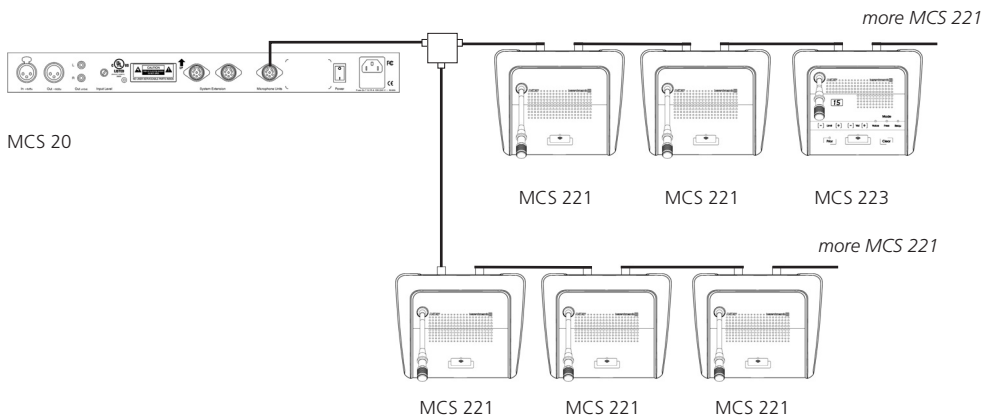


Note: Only one MCS 223 chairman unit can be connected in the system. The position of the MCS 223 can freely be chosen.

MCS 20

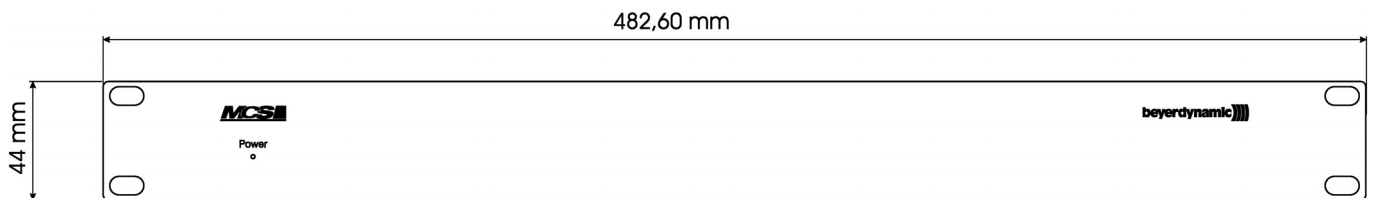


System with T adapter



Note: Only one MCS 223 chairman unit can be connected in the system.

DIMENSIONS



ARCHITECT'S SPECIFICATIONS

The power supply unit shall supply all devices. The connections shall be on the rear. The controls and indicators shall be on the front. The power on LED shall be on the front. The output power shall be for 60 microphone units. The system shall be expanded by further power supply units. The power supply voltage shall be 100 - 240 V AC, 50/60 Hz. The output voltage shall be ± 24 V. The output current shall be ± 3 A. The device shall provide a short circuit and thermo protection. The AF input shall be XLR, balanced, ungrounded. The AF outputs shall be XLR, +6 dB balanced, ungrounded; RCA unbalanced. The AF frequency response shall be 50 - 20,000 Hz. The dimensions shall be 483 x 44 x 165 mm (L x H x D). The weight shall be 2700 g.

Manufacturer beyerdynamic
Type MCS 20