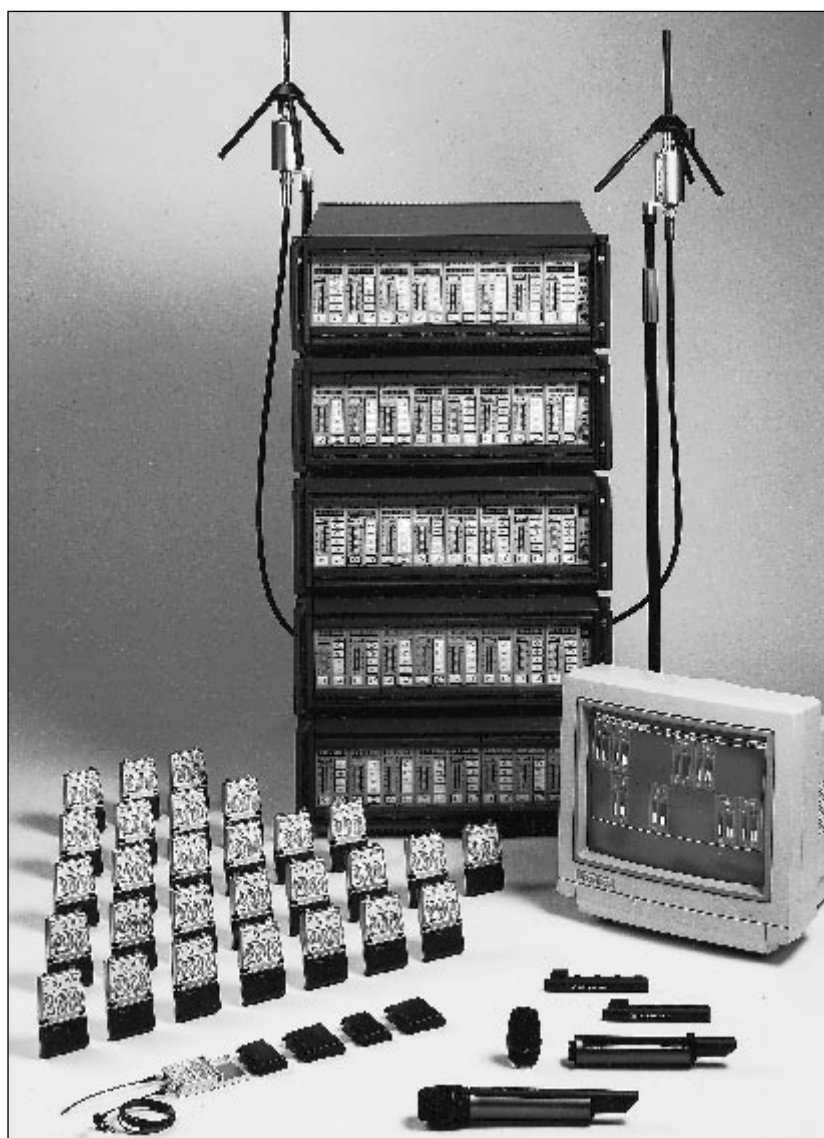


5000 Series Receiver Systems

*Tips
for Use*

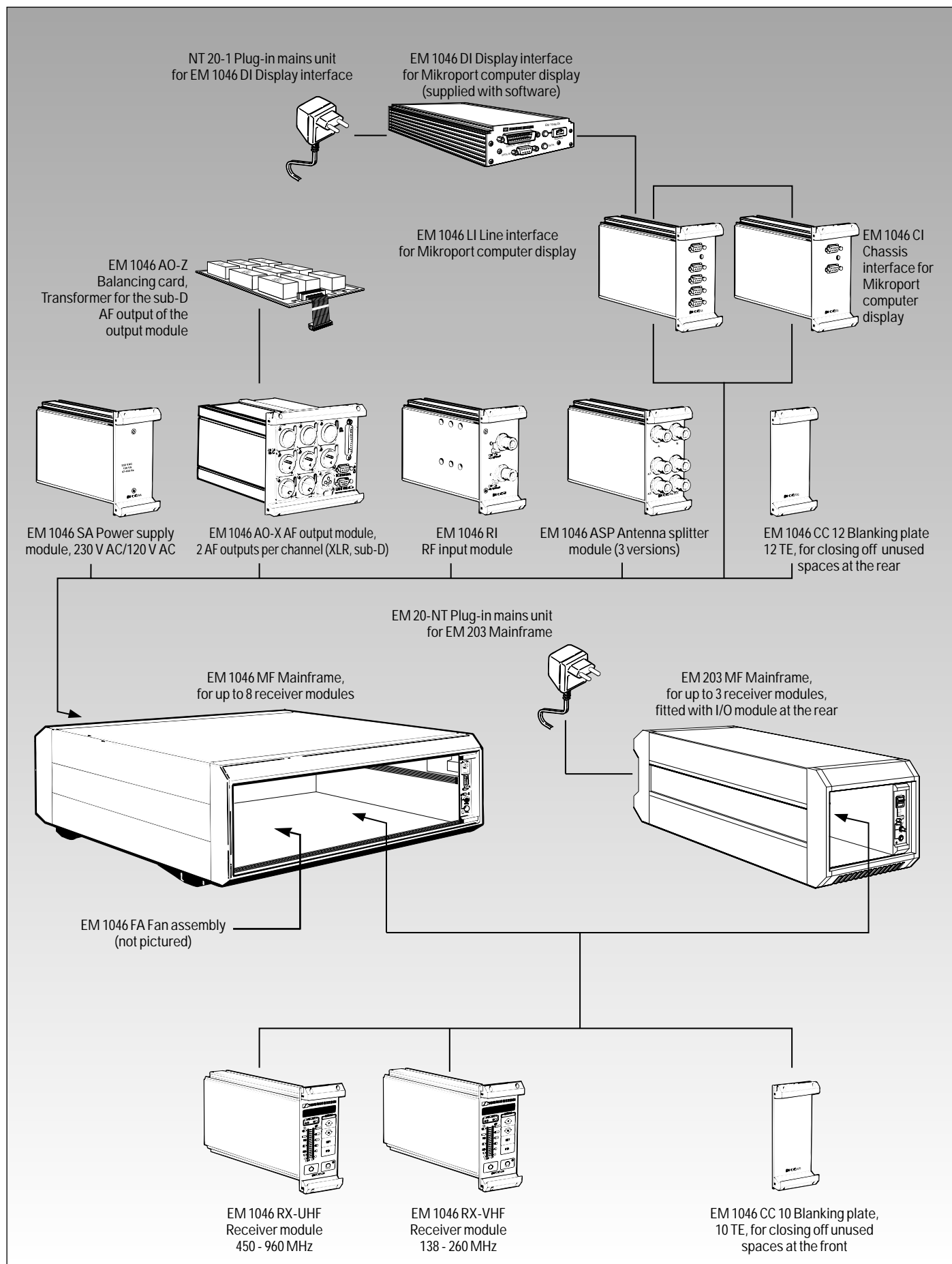
- Modular multi-channel receiver system for demanding musical and broadcast applications
- Large mainframe houses up to 8 true diversity receiver modules
- Small mainframe houses up to 3 true diversity receiver modules
- Several mainframes can be daisy-chained
- Indication of transmitter battery status (SK 50/250 and SKM 5000 only)
- "HiDyn *plus*" noise reduction system
- Mikroport computer display for remote controlling large systems



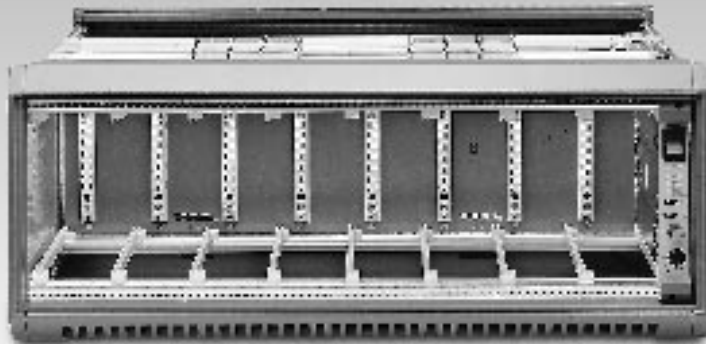
Technical Data (Overall System)

Channels per mainframe	max. 8
Frequency range	450 - 960 MHz (UHF) 138 - 260 MHz (VHF)
Switching bandwidth	24 MHz (UHF band) 7 MHz (VHF band)
Setting of receiving frequencies	in 5 kHz steps
Frequency response	40 - 20,000 Hz
THD	typ. 0.5 %
Signal-to-noise ratio	117 dB(A)
Noise reduction system	"HiDyn <i>plus</i> "
Headphone output	1/4" (6.3 mm) jack socket
RF input	2 x N-type socket
AF output	8 x XLR-3 M 1 x 25-pin sub-D
Housing	19", 4 U
Weight (fully equipped)	approx. 25 kg





EM 1046 MF



The EM 1046 MF is a large mainframe for housing up to 8 receiver modules. The mainframe features two integral active 1-to-8 antenna splitters.

The back panel houses the power supply module, RF input module and AF output module. The Mikroport computer display can be connected via an interface module. Additional antenna splitter modules are available for multiple mainframe systems. 19" rack-mount "ears" supplied.

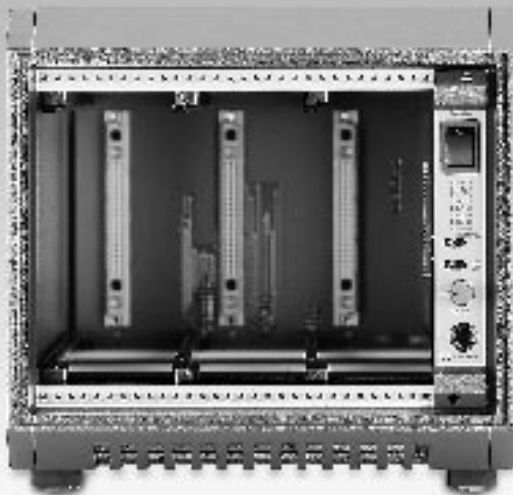
Technical Data

Monitor output	1/4" (6.3 mm) jack socket
Gain	+ 20 dB adjustable, + 20 dB switchable
Output level	max. 18 dBm / 600 Ω, short circuit-proof, load ≥ 50 Ω
Housing	19", 4 U
Dimensions	approx. 490 x 190 x 450 mm
Weight	approx. 9 kg (empty)

Product Variants

EM 1046 MF	Mainframe for up to 8 receiver modules	Cat. no. 03220
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EM 203 MF



The EM 203 MF mainframe is used for smaller 5000 series receiver systems.

At the front, up to three receiver modules can be housed. The back panel is equipped with an I/O module. The EM 203 MF features two integral passive 1-to-3 antenna splitters. The EM 20-NT plug-in mains unit is not included in the supply schedule, please order separately!

Technical Data

Monitor output	1/4" (6.3 mm) jack socket
Gain	+ 20 dB adjustable, + 20 dB switchable
Output level	max. 18 dBm / 600 Ω, short circuit-proof, load ≥ 50 Ω
Plug-in mains unit	EM 20-NT (not included in the supply schedule)
Dimensions	approx. 200 x 190 x 360 mm
Weight	approx. 2.5 kg (empty)

Product Variants

EM 203 MF	Mainframe for up to 3 receiver modules	Cat. no. 03692
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