

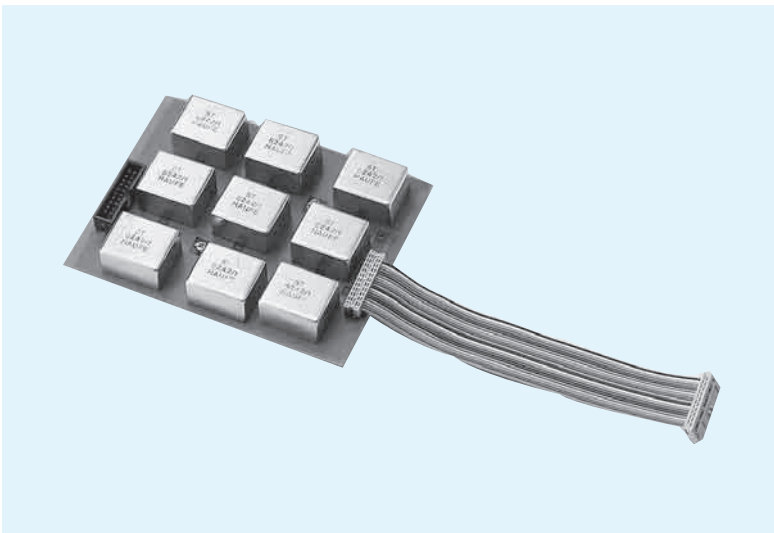
EM 1046 AO-Z

RF Wireless Systems | 5000 Series Receiver Systems

Cat. No. 003597

General Description

By using the EM 1046 AO-Z balancing card, the 25-pin sub-D AF output of the AO-X output module becomes a fully functional, transformer balanced second output. Whether used for sound reinforcement in broadcasting or for the monitoring console of PA systems – the balancing card can replace an external stage splitter.



Technical Data

Transfer ratio	1 : 1
Output impedance.....	$\geq 10 \text{ k}\Omega$
Output level.....	+18 dBm
Weight.....	appx. 0.6 kg (1.32 lbs)

EM 1046 AO-Z

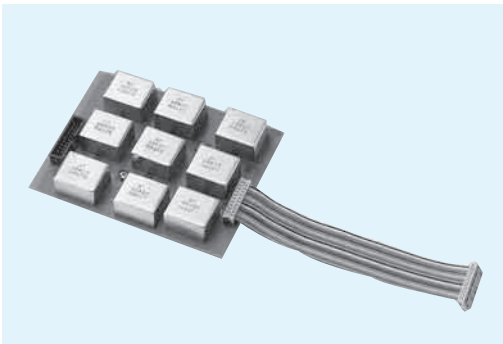
RF Wireless Systems | 5000 Series Receiver Systems



EM 1046 AO-X AF output module

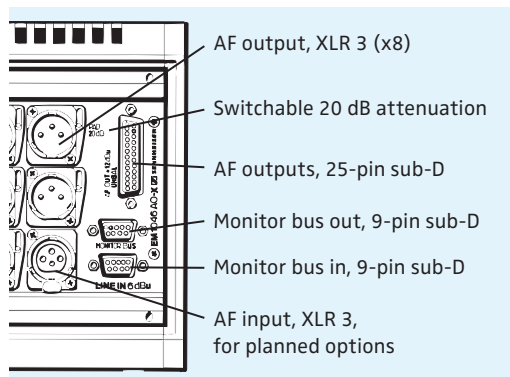
The EM 1046 AO-X module is the core of the AF output assembly. The 8 AF outputs are available transformer-balanced at 8 male XLR-3 sockets. The maximum level of +18 dBu can be dropped individually by 20 dB by the pad switch for each output. The AF outputs are available decoupled unbalanced at the 25-pin sub-D connector. Using the EM 1046 AO-Z add-on card, the outputs on the connector are also transformer balanced.

Using this option, the EM 1046 AO-X module forms a high-quality stage splitter for line levels. Used on stage, each signal is available individually for on-stage monitoring. In broadcast applications, the sound system can be supplied with DC-isolated signals. Make up a sub-D-to-XLR connection to the sound system console from an 8-pair multicore cable: this replaces two 5-channel stage splitters! Every channel can be monitored from the headphone output of any mainframe even when using systems having a number of mainframes.

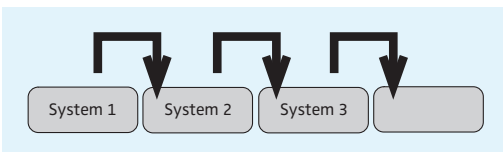


EM 1046 AO-Z Balancing card for AF 25-pin SUB-D connector

The monitor lines of the individual mainframes are connected to one another via a 9-pin sub-D connector. It is then possible to monitor one channel in turn by pressing the relevant monitor key on the receiver module. Naturally, the signal from the headphone socket can also be applied externally to the line input of a sub-mixing console. Together with summing signals from the main mixing console and talkback signals, this makes it possible for the sound engineer to monitor the entire Mikroport system.



EM 1046 AO-X features



Looping of the monitor bus