

MERK II – Portable Audio Codec Mixer – Mix and Send



MERK II is based on the established and well known CENTAURI® product family.

The MERK II was designed with extended features and increased functionality for broadcasting:

- 4 switchable MIC/LINE Inputs, 2 Line IN/OUT, 4 Headphone Outputs
- Switchable Phantom Power 48 V with LED indication
- 2 or 4 ISDN BRIs
- 10/100 Mbit/s Ethernet for Audio-via-IP and Wireless-LAN
- Extended mixing capabilities including monitor & control
- Flashcast for compatibility with nearly all available audio codecs
- Extremely low delay algorithms with apt-X, ADPCM4SB and AAC Low Delay
- Electronically controlled potentiometers for full audio mixing remote control
- Efficient UMTS/3G transmission with AAC HE (aacPlus) in stereo

MERK II supports dual codec mode as well as point-to-multipoint transmissions – the dream of every reporter; to reach up to 8 destinations simultaneously with e.g. 64 kBit/s AAC HE stereo audio quality. Alternatively, up to four people can be transmitted simultaneously for extended interview groups, or a combination of original stadium sound plus two interview partners in stereo, with all mixing parameters under control. And individually controllable send/receive levels for headphone monitoring allow just the right mix for each interview partner.

With the built-in Flashcast® technology, connectivity is as easy as pushing a button. Directories of complete set-ups and phone book entries are easily accessed. Compatibility with a high percentage of available audio codecs is provided with the same professionalism as the CENTAURI® Audio Gateway Codecs. Ergonomic studies have resulted in the controls and LCD display being presented in an extremely user friendly manner. The eight key potentiometers are electronically controlled and are either level, pan or gain. The selection is performed by four function keys. The tried-and-tested keypad from the CENTAURI® is used for navigation and its alphanumeric input is also retained.