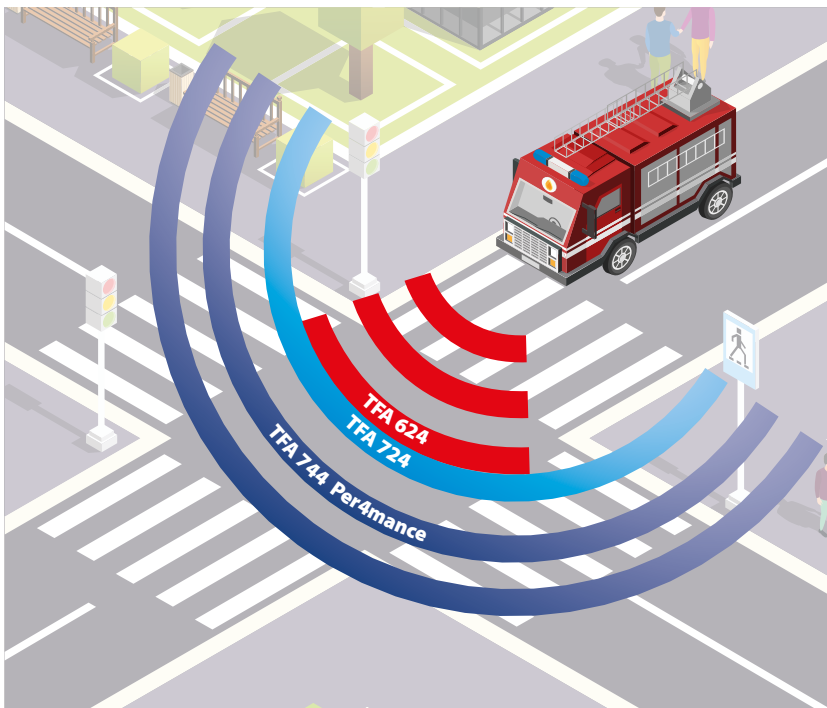


EFFECTIVE URBAN/RURAL SWITCHING

During emergency drives the acoustic signal is often perceived too late by other road users. The reason for this is the one-dimensional sound propagation in tone sequence systems. With the TFA 7xx, Hänsch is breaking a new ground. In addition to optimised sound propagation for urban (wide pressure mode) and rural (direct pressure mode), the Adaptive Sound Pressure Technology (ASP) also offers an extension option with increased range and intensity: the TFA 744 Per4mance. In addition, the optimised electronic compressor signal offers another possibility, to increase the attention of road users.

URBAN DRIVING - LATERAL SPREAD Particularly effective in critical crossing areas



RURAL DRIVING - RANGE & INTENSITY Acoustic road clearer



TFA 7X4 12 V & 24 V

ADVANTAGES

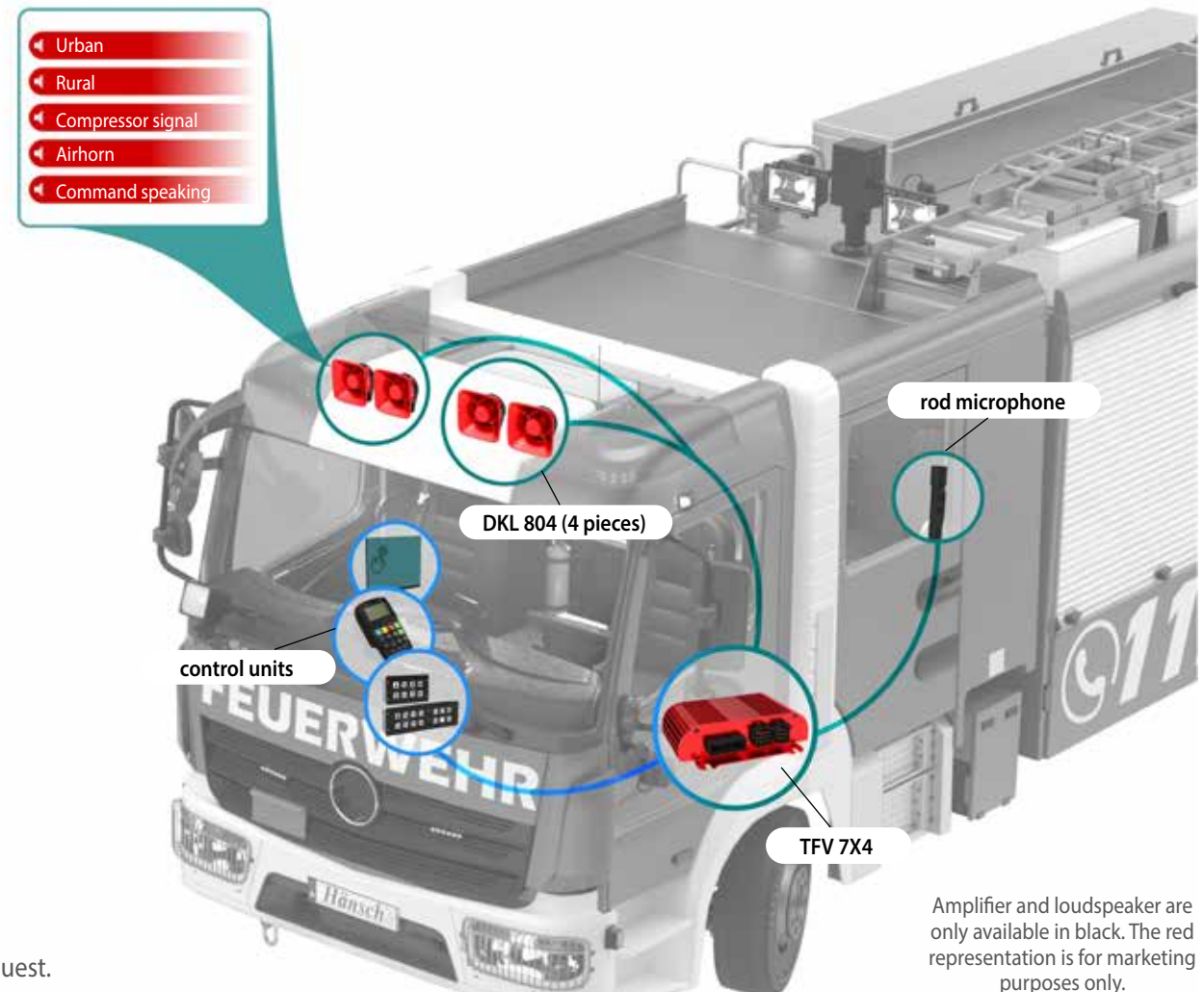
- FUNCTIONING IN THE SYSTEM - via CiA447, FireCAN or analogue* controllable
- ONE FOR ALL - special signals DIN URBAN/RURAL, international tones**, compressor, public address and radio activation as well as Airhorn/Bullhorn are available via a tone sequence amplifier
- MAINTAINANCE-FREE – system consisting of electronics and loudspeaker require no maintenance
- WEATHER RESISTANT – loudspeakers have been proven to be water resistant for years
- ENERGY EFFICIENT – ¼ of the power consumption in comparison to a conventional compressor system
- REDUCED INTERIOR NOISE – no pumping compressor noise, which interfere with communication or stress the emergency personnel
- SIMPLE ASSEMBLY – due to the compact design and fewer components (e.g. no compressor or air hoses)

*AD- converter required

**YELP, WAIL, HILO, Netherlands, Austria. Further tone sequences on request.

Hänsch®

APPLICATION EXAMPLE: FIRE BRIGADE 24V



Amplifier and loudspeaker are only available in black. The red representation is for marketing purposes only.



TECHNICAL DATA:

TONE SEQUENCE SIGNALS

- urban, rural, compressor signal, airhorn, command speaking

TEMPERATURE RANGE

- -40°C to +80°C

VOLTAGE

- 12 V or 24 V

MEASUREMENTS

- amplifier housing: width: 180 mm / height: 47 mm / depth: 149 mm
- DKL 604: Ø112 mm / depth: 71 mm
- DKL 804: width: 145 mm / height: 145 mm / depth: 87 mm

HOMOLOGATION:

- EMC according to ECE-R 10
- acoustics according to TA32 and TA32a

PRODUCT FEATURES:

- up to 4 loudspeakers for signal output - individually function-monitored
- connection for two audio signals (microphone, MP3 player, radio...)
- digital AF volume control via CAN
- FireCAN or CiA447 interface
- internationally approved tone sequences
- optional: additional output stage for AF outputs only
- optional: 4 freely usable load outputs with function monitoring
- optional: output for analogue main beacon or 3rd beacon/front flasher

VARIANTS:

- CiA447 / FireCAN
- with 2 or 4 loudspeakers 604/804
- various cable harnesses