



## 730H Subscriber Terminal

The new Family of Hand-Held Terminals for TETRA Networks

R&S BICK Mobilfunk's 730 H is a rugged high quality handportable trunked radio for optimal use with the TETRA Trunked Radio System ACCESSNET<sup>®</sup>-T. Its attractive design supports the ergonomic requirements of a professional working tool. Its proven mechanical structure with state-of-the-art electronics provides an optimum solution to satisfy the demand of professional users such as:

- Public safety organisations
- Utility and transport services
- Military forces.

Special care has been taken in the design of the human-machine interface, to allow users to navigate through functions and settings by menus. The terminal is easily operated even by the nonexpert user as clear instructions are provided on the display.

The operating status is indicated by three colour LED's. For displaying status messages, short data messages or text messages the 730H is equipped with an excellent readable 2x14 characters backlit display. The 730H product family is available in different versions, for ease of use the standard version is en-

dowed with scroll buttons, a 3x4 keypad and an easily located emergency button. There is also a version without keypad.

The handportable 730H is provided with modular management software which runs on a standard PC. Network and user parameter settings may be changed using this PC connected to the terminal via the 730H serial link, the Peripheral Equipment Interface.

In the same way, new versions of the operational software can be downloaded to the terminal, allowing new features to be added.



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R&S BICK Mobilfunk GmbH

# ...mobility for professionals!

## Supported Services of the TETRA Hand-Held Terminal 730H

### 730H Terminals at a Glance

The 730H provides the following features:

- Small sized, light weight portable
- One hand operation
- Easy readable large alphanumeric display
- Full duplex voice communication
- User friendly menu driven operation
- Ruggedised portables with/without keypad
- Encryption (optional).

A large range of accessories is available for the 730H family:

- Carrier-bags
- NiCD Battery
- NiMH Battery
- Desktop charging set
- Car charging set
- Vehicle mounting device.

### PMR Voice Services Supported

- Individual call
- Group call
- Priority call
- Discreet/ambience listening
- Broadcast call
- Short number addressing
- Talking party identification
- Call retention
- Direct mode operation.

### Telephone Type Services Supported

- Calling line identification
- Call report
- Call forwarding
- List search call
- Call waiting
- Call hold
- Call completion
- Advice of charge
- Include call
- Barring of call
- Full duplex voice.

### Non Voice Services Supported

- Status messaging
- External data interface
- Text message service.

Certified Quality System  
**ISO 9001**  
DQS REG. NO 3880-01

## Technical Data

### General

Dimension (h x w x d)	182 x 63 x 48 mm
Weight	0.69/0.65 kg
	radio with NiCd/NiMH battery
Battery capacity	1.5 Ah NiCd / 1.8 Ah NiMH
Battery autonomy (5/20/75)	9.5 h NiCd / 11.2 h NiMH
Operating temperature	-20°C to + 60°C
Storage temperature	-40°C to + 85°C
Humidity	EIA/TIA603 (95%)

### RF Specification

Frequency range	380-400, 410-430 MHz, others on request
RF Channel spacing	25 kHz
Switching bandwidth	5 MHz
Transmitter/receiver separation	10 MHz
Transmitter RF power	1 W
RF power control	3 steps of 5 dB
RF power level accuracy	± 1.5 dB
Receiver static sensitivity	-112 dB
Receiver dynamic sensitivity	-103 dB



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