



[TIPRO]

BeFREE 03 (BF03) 3,5" Touchcomputer

The BeFREE 03 will be the smallest BeFREE module in Tipro's FREE modular range.



BF03, Intercom and Handset

- » It enables to add a touchscreen and network connection to Tipro's Intercom and/or Handset with a small footprint.
- » In contrast to its larger siblings that have microphone and speakers integrated, the BF03 is designed to be combined with our Voice Communication Modules.

Technical details (Preliminary)

Computer

- » Processor: ARM based; Cortex A7 up to A9
- » System Memory: from 256 MB RAM up to 1 GB

Mass Storage

- » Type: internal NAND flash
- » Capacity: 512 MB up to 4GB
- » External mass storage: µSDCard

Display

- » Type: TFT LCD
- » Size: 3.5" diagonal
- » Native resolution: 240 × 320
- » Projected Capacitive Touch

Connectivity

- » USB: 2 x USB 2.0 ports
- » Ethernet : 1 x 10/100 Mbit
- » 12V DC input

Linux supported, Android planned.



BF03 with Handset



BF03 with Intercom



[TIPRO]

Intercom

USB Audio Device for the Hands-Free Communication

The Intercom will be the new version of Tipro's Speakerbox.



- » Compact design.
- » A single, large speaker which can produce a higher volume and lower frequency tones than the current Speakerbox.
- » It can be used on its own, as USB audio device or in combination with a Handset.
- » It can be expanded with a second speaker unit which allows for independent volume control for the left and right channel.
- » Besides this, it can be used in combination with the new BF03 as a very compact console solution.



Intercom with Handset



Intercom with a second speaker unit



Intercom with BF03

Basic Technical Data

- » USB audio device
- » 10 W speaker
- » Unidirectional gooseneck microphone
- » PTT key + 2 freely programmable keys
- » 8 W amplifier (per channel)
- » 12V input
- » Incremental encoder (endless potentiometer) for volume control
- » HID keyboard / HID Telephony interface
- » Optional hardware echo-canceler
- » Dimensions [WxDxH]: 98 x 222 x 73 mm (without gooseneck microphone, including side covers)