



## INNOVA

The all in one motorbike communication system of the new  
AKE-PowerCom-Series



### Delicate motorbike communication!

Intelligent reduction of the driving noise, intercom activation on request, integrated hands-free equipment for transmission via two-way radio and mobile phone, high end stereo audio input for radio and navigation system etc., an extensive security system and much more, mounted space saving in a case of aluminum.

The *INNOVA* allows a hands-free communication between driver and pillion rider (via intercom), from motorbike to motorbike (via two-way radio vs. walkie-talkie), as well as to anybody else via mobile phone. *INNOVA* is suitable for high speed driving with the appropriate helmet-sets.

Two audio inputs with self adjusting signal modulation allow a musical audio pleasure for driver and pillion rider as well as bringing in the voice messages of the navigation system.

A driving noise dependent volume control, an intelligent signal management and an individually activatable multilevel driver security package ensures maximum safety.

www.motorradprechanlagen.de

- Our strength is our commitment to quality! -

## Important features of the **INNOVA**:

### • **Fit-for-motorbike intercom:**

Crystal-clear hands-free full duplex helmet-to-helmet intercom system makes a safe voice communication possible even with very high driving noises.

### • **Automatic deactivation of intercom when driving solo:**

No unintentional activation of the microphone when e.g. singing along...

### • **Effective elimination of disturbing driving noise:**

Expensive filters reduce the driving noise. If nobody is talking, a fit-for-motorbike voice-switch ensures also at high speed a soft muting of the microphone signals.

### • **Intelligent signal management:**

No handling necessary while driving. The **INNOVA** recognizes automatically any activity of connected devices and ensures that you have the most important functions in foreground.

### • **Stereo audio input with self-adjusting signal modulation:**

- ✓ Automatic volume control of the audio signal depending on the driving noise.
- ✓ Lowering of the audio signal while intercom voice-operation with agreeable soft fading.
- ✓ HiQu-Stereo transmission for driver and pillion rider (mind road traffic regulations!).
- ✓ **On demand activatable driver safety package:**  
While the pillion rider may enjoy the full stereo sound, the driver hears the audio signal as synchronized (mono) signal by the two loudspeakers in the middle of his head, when the safety package is activated.  
The driver will hear the audio signal – *while using a reasonable volume* – without illegal distraction from road traffic. Additionally the audio signal will be muted at high speed for the driver.
- ✓ Using the optional operating device the audio signal of the driver may be muted at any time.
- ✓ Extensive universal connection of accessories. Optional available connecting cables allow to connect diverse audio systems with loudspeaker or headphone output like car radio, MP3-, CD, etc..

### • **Input for navigation systems with voice announcements:**

- ✓ Automatic volume control of the navigation signal depending on driving noise.
- ✓ Lowering of an audio signal (music) while voice announcements.
- ✓ Two channel operation possible. Connection of stereo devices possible, e.g. navi/mp3-combination.
- ✓ Extensive universal connections for navigation accessories. Optionally available connecting cables allow the connecting of every type of navigation system. Connection possible for high level output (loudspeaker) or low level output (headphones).

### • **Fit for motorbike two-way radio hands-free equipment:**

- ✓ Automatic volume control of the two-way radio reception signal depending on the driving noise.
- ✓ Driving noise compensated voice control (fit-for-motorbike VOX).
- ✓ Not one word will get lost as any delay in the response of the two-way radio is electronically compensated when using AKE recommended two-way radios.
- ✓ Manual handling is possible by using the optional operating device or with a separate transmission button.
- ✓ Automatic lowering of the audio signal (music) as well as the navigation signal on transmission operation.
- ✓ Trimmer for optimum transmission modulation at the connected two-way radio.

✓ Decide for yourself which two-way radio you will connect. The **INNOVA** will register what kind of microphone is being used and adjust automatically. Optionally available connecting cables allow connecting various types of two-way radios (CB-, LPD-, PMR- and others) via loudspeaker or headphone output.

✓ The **INNOVA** has a driving noise dependent modulation adjustment: Whatever speed you will drive, everybody will hear your voice clearly and understandably, (Since the voice volume on a motorbike varies depending on the driving noise, only automatic microphone signal adjustment allows the best signal quality).

### • **Fit-for-motorbike mobile phone hands-free equipment:**

- ✓ Automatic volume control of the mobile phone signal depending on the driving noise.
- ✓ Automatic lowering of the audio signal (music) as well as the navigation signal and eventually the two-way radio signal on mobile phone operation.
- ✓ Driving noise dependent microphone signal adjustment for optimum voice volume while on transmission.
- ✓ Trimmer for optimal voice volume while transmitting.
- ✓ Voice control (depending on your mobile phone).
- ✓ Extensive universal connection for mobile phone accessories. Optional available connecting cables allow connecting various mobile phones.

### • **Bluetooth:**

Wireless connection with additionally available **Bluetooth**-modules.

### • **Various adjustment settings:**

Lowest voice volume level, driving noise compensation, volume of intercom, two-way radio modulation and mobile phone transmission volume may be adjusted individually.

### • **Automatic power-on of the power supply:**

- ✓ Plugging in the helmet connector will automatically power-on the **INNOVA**. This allows connecting the system directly to the battery of the vehicle or optionally to any 12V power plug, thus enabling an easy mounting.
- ✓ This function allows to automatically power-on connected devices like car radio or two-way radio, if desired. Simply plug in helmet connector and start driving.

### • **Extensive integrated vehicle dejam facilities:**

Save time and money. The **INNOVA** is extremely safe from electronic interferences. Also, the operation on CAN-Bus power supply is possible.

### • **Robust installation for tough operations:**

- ✓ The **INNOVA** is installed in a solid water protected aluminum case. It has weatherproof helmet plug outlets equipped with raised markers for easy plugging in at the correct position, even with gloves.
- ✓ The electronics are protected by an automatic power-off against over and under voltage. All amplifier outputs are short-circuit-proof and are equipped with overload protection.

### • **Adequate helmet sets for your helmet:**

High quality helmet installation sets are available for full face helmets, flip-up helmets and open face helmets. On request we provide the installation into your helmets.

### • **Device connectors:**

Driver helmet, pillion rider helmet, audio (car-radio or MP3, etc.), navigation system, two-way radio (vs. walkie-talkie), mobile phone, operating device, power 12V, security activation, power-on automatic for accessories, third and fourth helmet connection (optional).

**Dimensions:** 70 x 161 x 20mm