

INTERCOM HELMET TO HELMET

ORDER CODE

INTERCOM (IC993)



velleman
components

1. FEATURES

The **IC993** intercom's main features are its clear sound quality and the integrated speaker and mouthpiece. The buyer also has the possibility to incorporate additional audio equipment and the design is compact and functional.

This intercom is manufactured by means of fully automated machinery, which eliminates the flaws that often result from manual assembly. The use of SMD elements, special dual channel construction with filters and protection devices built into the circuits has yielded a damage-resistant, compact intercom that requires 40% less power than its competitors.

2. SPECIFICATIONS

Power source :	UM-4 (size AAA) x 2 pieces	Output circuit :	32 Ω 150mW, 84dB $\pm$ 3dB
Rated output :	150mW	Dimensions :	63 x 56 x 25mm (main unit)
Frequency response :	50 - 20000Hz $\pm$ 3dB	Weight :	40g (main unit)
Input circuit :	-62dB $\pm$ 1dB 1.5 Unbalanced	Operating temperature :	-20°C to +50°C

3. INSTALLATION

- A. BATTERIES :** The **IC993** uses two batteries (size AAA). Remember to fit the positive (+) and negative (-) poles correctly. Replace the cover after fitting the batteries. After a long period of use, the LED may become dim and the sound quality or volume may deteriorate. In this case, the user should simply replace the batteries in order to restore performance. Remove the batteries in order to prevent damage by corrosion if the intercom is to be stored for a prolonged period.
- B. HEADSET :** The speaker and mouthpiece are integrated. Consequently, there are no holes to be drilled or tools to be used. Simply attach the headset to the helmet lining (as close to your ear as possible) using the pre-fitted velcro. Adjust the mouthpiece to suit your needs and plug the headset wire into the main unit. The intercom is now ready for use.
- C. MULTI-PURPOSE INPUT TERMINAL :** Using the audio input terminal, it is possible to connect a portable CD player, cassette player or radio to this device. Your voice will automatically override the audio signal, thereby eliminating the need to mute the player or radio.

4. OPERATION

The top control switches the intercom ON or OFF and adjusts the volume for the passenger. The side volume control adjusts the volume for the motorist or motorcyclist. Please test the intercom after installing it in the helmet, making sure that the sound quality is clear (adjust the mouthpiece position) and that the volume is comfortable (adjust the volume controls).

5. CAUTION

Please don't turn up the volume when the sound quality is influenced by speed or wind, as this noise is transferred to the intercom via the microphone. In other words, turning up the volume will only increase the noise level. We therefore suggest you turn down the volume instead of up.