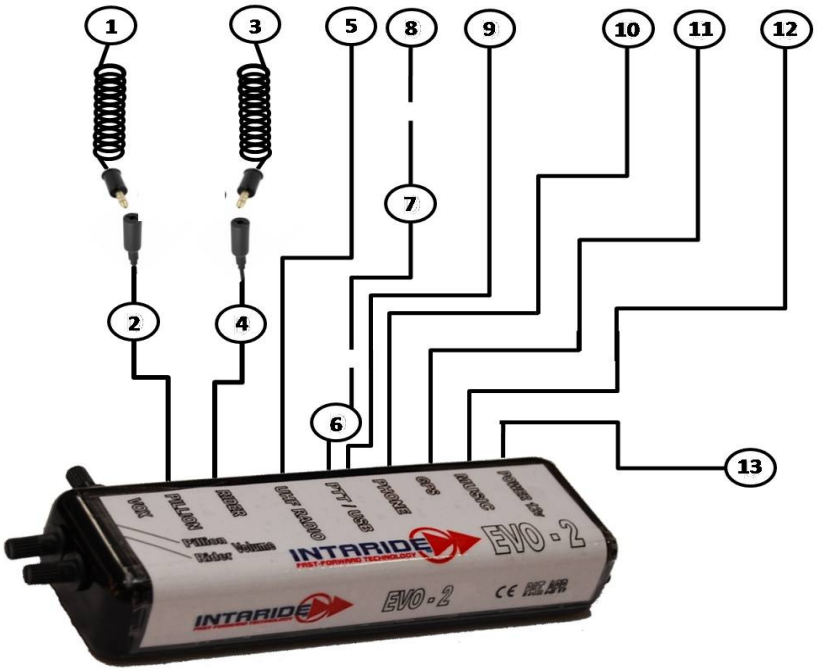
IntaRide Evo2

Congratulations on purchasing the New 'IntaRide EVO2' fully digital, computer programmable Rider to Pillion System. Detailed below are your fitting instructions, please compare the contents of your box with the kit list. You must report any discrepancies to us within 48 hours of receipt.



1. **Intaride EVO-2 "PRO" Male Headset Lead -** This is a universal lead that fits with any of the Intaride headsets and connects between the Headset and EVO Pro Female headset Lead.

2. **Intaride EVO-2 "PRO" Female Headset Lead -** Flat lead with 3.5mm 4 pole jack connection to EVO Unit and large socket to accommodate Male Headset Lead.

3. as 1 above.

4. as 2 above.

5. **Radio Lead - This** is required if a Bike to Bike Radio is added to the Rider to Pillion System. Depending on which Radio is connected to the system dictates which Radio Lead is required. IR A80 Radios require a "W" lead Pack where as IR TK5 or IR 803 Radios require a "K" Lead Pack. (Please contact us regarding other makes of Radio)

6. **EVO-2 PTT Lead –** This short lead allows the EVO 2 Unit to be connected to a PTT extension Lead.

7. **PTT Extension Lead –** This lead "bridges the gap" between the EVO Unit and the PTT Button or Switch. (1.2m)

8. **PTT Button or Switch –** Customer choice either PTT Button or Switch.

9. **EVO-2 USB Programming Lead –** Special Intaride programming Lead (1.2m) connects into PTT socket of EVO unit when programming with PC.

10. **EV0-2 Phone Lead –** 2.5mm 3 pole to 3.5mm stereo 4 pole (1.5m) long Phone input lead (May require a base adapter)

11. **EVO-2 GPS Lead –** Suitable for any GPS (including Zumo) with a 3.5mm audio output, (1.8m) long.

12. **EVO-2 Music Lead –** 3.5mm stereo to 3.5 stereo, (1.5m) long music lead.

13. **EVO-2 12v Power Lead –** Power lead with inline blade fuse fitted, (1m) long

Note: Items above and quantity may vary according to customer configuration.

Fitting Instructions

12v Power lead
The power lead needs to be connected to the bike's 12v battery source using the 1x amp fuse. If in doubt, it is advisable to seek the services of a qualified auto-electrician. This lead plugs into the Power socket of the EVO. **In-Line Fused lead to the Positive (+) 12v source.** The EVO consumes approximately 10 milliamps when not in use, so if you don't intend to use your bike for more than 2 weeks without using a battery conditioner, **we strongly recommend** that you unplug the power lead from the Power socket to prevent drainage of your bike battery.

Power Module. This device can be purchased separately. It detects when the engine is running and turns on & off your devices (up to 3 amps) automatically.

XLHeadsets

Full / Flip-Up Helmet
Peel the paper from the pads of the speakers, fit within helmet to line up exactly with your ears. If you wish, the speakers can be removed from the pads and recessed behind the helmet lining. Do not place behind the polystyrene padding, as the sound will not be able to reach your ears.

Can't hear very well at speed? = Check your helmet speaker alignment is correct for your ears. So if you have your volume set to full, chances are your speakers are out of line!!

!!! BADLY PLACED SPEAKERS WILL GIVE QUIET AND POOR SOUND QUALITY !!!

Slide the base of the microphone boom arm up between the cheek piece and helmet shell, then bend into position so that the Mic is just touching your lips.
The microphone has an area of sensitivity; your lips must be within a millimetre or so of the centre for it to work properly.

The wires should be tucked carefully into the lining & seams of the helmet. The main lead with the mini din connector needs to hang down from the side of the helmet possibly between the helmet shell and inner lining. As this lead is sometimes subject to "tugging", use a suitable glue or sticky tape to secure it to the helmet, alternatively, you can use a wire cable tie (food bag type) or small plastic cable tie to secure the main headset cable to the mounting point for the chinstrap

Attach the curly lead mini-din connector to the mini din of the headset and as this is a 'one off' connection you can seal this connection with a piece of insulating tape, The other end will plug into the corresponding female din/jack socket lead coming from the EVO unit

Open Face Helmets
As previous, except:
You may want to fit the optional accessory foam windsock over the Mic. Position the Mic to just touch your lips.

The EVO-2 Unit

Position the EVO Unit in a suitable dry place (normally under your seat) using Velcro or tie-wraps to secure it firmly in place when installation is complete. You could put it into a plastic bag for greater protection.

Headset Leads:
Rider: Feed or lay the "Riders Headset lead' from where you want the headset pro jack /din socket to be, (usually coming out between the front of the seat and the Petrol tank – make sure the socket does not cause damage to your paintwork.) to your EVO unit. This lead may be fixed by cable ties or some other suitable means. Do not tighten yet .
Pillion: This lead should be fitted in the required position in a similar manner to the Rider lead

Music lead – 3.5mm -3.5mm. **If you do not want music, do not connect this lead**
The music input is a standard 3.5mm stereo socket, suitable for Mp3, mini disc etc. A suitable stereo 3.5mm jack cable is provided. Your music will be muted when you speak through the system, then fade back in when you finish. The right angled jack plug goes to the EVO unit. NOTE: when plugging in the music lead, down power the Evo unit, then power-up again after initial plug-in.

Telephone lead - 2.5mm – 2.5mm. **If you do not want to use a telephone, do not connect this lead**
The telephone input is a standard 2.5mm stereo socket, you may need to purchase a 'Plantronics' type adapter for your handset, available from many 'phone" shops or over the Internet
(we recommend **www.mobile-fun.co.uk**)

NOTE: **ALL NOKIA PHONES NEED AN ADAPTER – EVEN IF THE LEAD SEEMS TO FIT WITHOUT IT !!!!!**
NOTE: Position the Mobile telephone away from the EVO unit to prevent interference and DO NOT coil the cables together as they may induce interference.

We do not guarantee compatibility with all phones.

POWERING UP THE EVO UNIT

Connect the power lead into the power socket in your EVO unit, wait for about 10 seconds for the internal computer to Boot-up before adjusting anything.

VOLUME
Before placing your helmet on, make sure that the volume for your lead is turned down by turning the volume knob on the unit fully to the left (anti-clockwise), put your helmet on and adjust the volume to the required level by slowly turning the volume up (clockwise) whilst talking into the Mic If you wear earplugs, adjust the volume with them fitted

VOX
Turn the VOX adjuster to the left (anti-clockwise), and then slowly turn it to the right (say ¼ to ½ turn clockwise) until you hear the background noise cut out. The further you turn it to the right, the higher the threshold will be for activation at higher speeds. It may take a few rides to get this set right for your motorcycle / helmet performance.

WARNING!
DO NOT put your helmet on if the volume is on maximum output without earplugs in

If you require music, connect your MP3 player etc. to the EVO unit using the music lead (see 'Music lead' above), switch on and adjust the volume to the required level using the volume control on the player. The EVO does not control the volume of your music, it only amplifies it. Note: the music will fade out when the Mic is live. Always down-power before connecting the music lead

If you are using a mobile phone, (see 'Telephone lead' above) connect the phone to the unit, turn the phone onto 'Automatic Answer', this will allow you to hear the phone ring in your headset, it will automatically answer and you just talk. At the end of the call, your phone should return to standby, if you are listening to music, it will fade back in at the end of the call

Once you have connected all required leads, make sure that everything is working correctly.

Start your bike up and again make sure that everything is working correctly

Tighten all cable ties etc.

Your system is now ready to use.

Bluetooth Module
If you have the optional Bluetooth module fitted inside the Evo unit:

1. Insert your "Pairing Pin" into the PTT/USB socket of the Evo
2. Power-up the Evo, wait 5 seconds and withdraw the "Pairing Pin"
3. Turn on Bluetooth on phone and set to "Search for Audio Enhancements" or "Bluetooth" Connections.
4. After a few second the 'phone should find "IntaRide Evo", connect to it. Pass Key is: 0000
5. Now if the 'phone keys are pressed this will be heard in the EVO headsets.
6. Adjust the volume on the phone in the normal way.
7. If you walk away from the bike the phone will return to normal operation, when you get back to within a few metres of the bike the phone it will reconnect to the EVO.
8. If you turn the phone off whilst connected to the EVO, when you turn it back on it may not automatically reconnect, you would need to select "IntaRide Evo" and press connect.
9. To pair to a new phone, remove the power connector to the EVO, wait 30seconds and start again at 1 above.

IntaRide Evo-2 GUI (Graphical User Interface) Instructions

PLEASE READ THIS FIRST – BEFORE YOU PROCEED

Visit www.intaride.com and download software. (Technical Button – drop down menu – EVO2 GUI)

Initial Connection

1. Double click on the "Setup.exe" icon & follow all the instructions through to "Finish" (Please be patient whilst the system updates)
2. Plug in the Rider headset to the Evo-2
3. Turn the volume to LOW – say ¼ turn for the Rider headset
4. plug the 3.5mm 4 pole plug of the Programming lead into the PTT/USB socket of the Evo-2
5. Plug the USB connection of the USB programming lead into your computer & WAIT for a while to allow your computer to recognise the new USB lead and load the drivers. A pop-up dialogue should tell you that this has completed.
6. Double-Click on the "Evo 2" Icon on your desktop to launch the "GUI"
7. Click on the "Connect to Evo" button. After a few seconds, the computer should find the Evo-2 and confirm connection

Evo-2 Programming

1. Click on the "Read" button, this will load the current configuration into the "GUI", so that you can see the "normal" setup
2. Use the "Save to File" button and select a suitable place to store this setup. If you want, you can always re-load this "factory" configuration.
3. By putting on your headset (Helmet) you can listen to the Evo whilst you make any changes. Because the USB connection is only able to provide 5v at a low power, you can only turn the volume up a little bit before the amplifier makes funny noises. You may also hear strange background noises caused by this low power, but the audio will be clear when connected to the full 12v of your vehicle.
4. When you have made your adjustments, press the "Read" button to make sure they are in the programme, then press the "Update Evo" button to fix them into the programme. You can also save the configurations into a file in the same way that you saved the "Factory" setup. This file can be Emailed to a friend!

Evo-2 GUI Controls

1. The "Hysterisis" adjustment will affect the vox (voice activation) coming on and off characteristics.
2. "Pillion Vox Compensation" adjusts the Voice Activation sensitivity levels for triggering the microphones. Many bikes create more wind for the Pillion than the Rider. (–) will reduce the sensitivity = harder to voice activate, (+) will increase the sensitivity = easier voice activation. Once you have set the balance, the single Vox adjuster knob on the Evo-2 will adjust both Rider & Pillion in tandem.
3. "Vox Hold" Adjusts the time that the mic's stay "Live" when you finish speaking and also how long the music stays muted after you stop speaking.
4. "Aux Hold" Adjusts the time that the music stays muted and the mic's stay live during phone calls (allows for uninterrupted pauses in conversation) and during GPS instructions etc.
5. "Music Level" adjusts the Gain for your music input device (Mp3 player etc). You can turn it up to boost a quiet player, or down for a loud player. This is useful for balancing your system.
6. "Aux Trigger" This is a "squelch" setting. It allows the Evo to ignore background engine noises and other electrical interference coming in through the leads and cables. High interference levels will need a High setting.
7. "Music Level on Mute" Allows you to adjust the amount of muting applied to the Music when the Vox is activated by Speech or an Aux device. Adjustable from 0 – 100% (0 = No music, 100= music does not mute at all)
8. "Mic R (Rider) & Mic P (Pillion)" adjusts the Gain for the microphones. As we offer a number of different headsets and also there are many other makes which may be used on our Evo-2, we have allowed you to adjust the Mic' gain (How loud the Mic's are) to Balance the system.
9. "Aux Level" This adjusts the voice volume that is sent out from the Evo to your Radio. Especially useful for "upping" the voice level, giving you "commanding" transmissions.
10. "Bluetooth Connection" This allows you to select when you are using a conventional connection to a Phone or GPS unit. It also is pre-set for the introduction of wire-free headset in the future.
11. "UHF" Radio. This drop-down menu will allow you to select the correct radio for your Bike to Bike system. The list of supported radios will be updated from time to time via our website. (Be sure to select the correct radio)
12. "Remote Answer with PTT" Allows users with Bluetooth modules to answer their phones with a momentary press of the PTT button (Optional extra)

PLEASE NOTE:

Although we have come up with a "factory" configuration, we are very keen to have your feedback in order to improve.

So, if you find a particular setup to be better than ours, please drop us an Email with your name, bike, helmet and the settings file so we can use your information to improve our "factory" configuration. We may decide to publish this info on our website so that others can try your setup themselves.

TROUBLESHOOTING

www.intaride.com

Thank you for choosing IntaRide

Please address any technical contact via Email support@intaride.com