



Technical Solution's air conditioner interface converts the operation of the remote control to simple infrared commands that can be produced by most environmental control systems.

The default codes for a Gewa Prog ECU, and the equivalent air conditioner remote buttons are shown below. These codes are built into the Prog, and will operate "straight out of the box".

If you have recorded other signals into these buttons, you will need to reset the buttons to the default. Please refer to the Prog users manual. (There is a copy of the [manual](#) on our [web site](#) if you've lost yours).

To use the air conditioner interface, place it in a location where the top of the remote is pointing in the general direction of the air conditioner. Plug the power supply into a power point. At this stage, the green Led will show. When the interface receives infrared signals from the Prog the red Led will blink.

The air conditioner interface activates the air conditioner remote one second after it receives the signal from the Prog. This is to avoid the infra red signals from the prog and air conditioner remote getting mixed up.

If it is not possible to locate the unit so it is pointing directly at the air conditioner, try reflecting the signals. (Think of the remote as being a torch flashing invisible Morse code signals.) You can attach aluminium foil to the top of the remote to direct the infrared beam.

The remote control is still powered from batteries, so remember to change them when necessary.

<i>GEWA PROG Level</i>	<i>GEWA PROG Key</i>	<i>Air Conditioner Function</i>
3	9	ON/OFF
3	*	TEMPERATURE UP
3	0	TEMPERATURE DOWN
3	#	FAN

Recording new Prog codes into the Air Conditioner Interface

The Air Conditioner Interface can learn Prog Infra Red codes for each function, and store them in permanent memory. If the factory default codes listed above are not suitable you can follow this procedure to make the unit respond to different signals.

1. Choose the four Prog levels and keys that you want to use. Make sure these keys have been reset to the default code, as explained above.
2. Choose an area away from direct light to avoid interference to the learning process.
3. Plug the Air Conditioner Interface to the power in the normal way, and using a pen, *press and hold* the recessed button on the back of the unit corresponding to the key you want to reprogram. (Sometimes it's easier to do this with two people!)
4. Place the Prog at a distance of about 20cm and point it towards the front of the interface, press the button on the Prog you want to associate with the air conditioner function for about 2 seconds.
5. Repeat the process for the remaining buttons.



You can retrain or change the codes as many times as you want. The Air Conditioner Interface stores the codes in permanent memory, and will not lose the settings if power is removed.