Features

- HDL-M/IRAC.1 supports 4 channel infrared interfaces, can store up to 650 infrared codes.
- 150 IR codes to be used for universal control, such as TV, DVD which has infrared receiving devices.
  other 500 infrared codes to be used for a special AC control, compatible with any brand of AC device, The control modes are ON/OFF control, temperature control, cooling/heating, fan speed control, swing control, etc.
- The device working mode: Single mode, Repeat mode, Sequence mode , Air-condition control , Current detection.
- By using the HDL IR Learner to learn the IR codes from the normal remote, and downloaded into IR AC controller by HDL KNX Assistant software, then it can control other IR devices, such as TV, DVD, AC, Amplifier, etc.
- Building current sensor, to assure the status of device is ON or OFF.

Important Notes

- **Special programming** – This device is designed for professional KNX installation. It must be programmed by ETS software.
- **Check connections –** Re-tighten all connections after installation.
- **Mounting location** – Indoor
- Connect KNX /EIB cables. Do not get wrong connection for Black and Red wires
- When you need to use the current detection function, it should be installed near the equipment, and should connect to the power switch, please pay attention to safety.
- **Bus voltage** - The input of voltage must be between 21-30VDC
- IR LED must be putted near the devices

Features

- **Working voltage :**21-30VDC
- **Communication:** KNX/EIB
- **Dynamic current:**<15mA
- **Compliance:** CE, KNX
- **KNX terminal:** – Wago 252 (Red /Black) 0.6 – 0.8mm single core cable
- **Transmitting carrier wave frequency:** 38KHz
- **emission distance ;**7m
- **Current detection:** < 2A
- **temperature range of IR code:** 20℃~30℃
- **Dimensions:** H45mm x W45mm x D 16mm
- **Housing Material:** ABS
- **Working Temperature:** -5℃~45℃
- **Working Relative Humidity:** 10%~98%
- **Storage Temperature:** -40℃~55℃
- **Storage Relative Humidity:** 10%~98%
- **IP class:** IP20

Types

M/IRAC.1

HDL KNX Assistant software
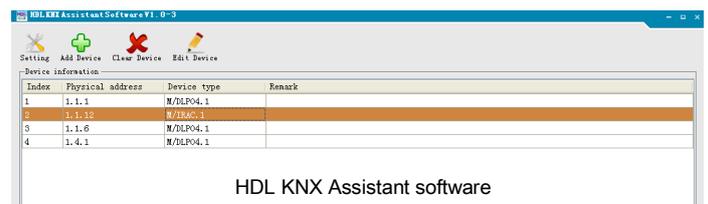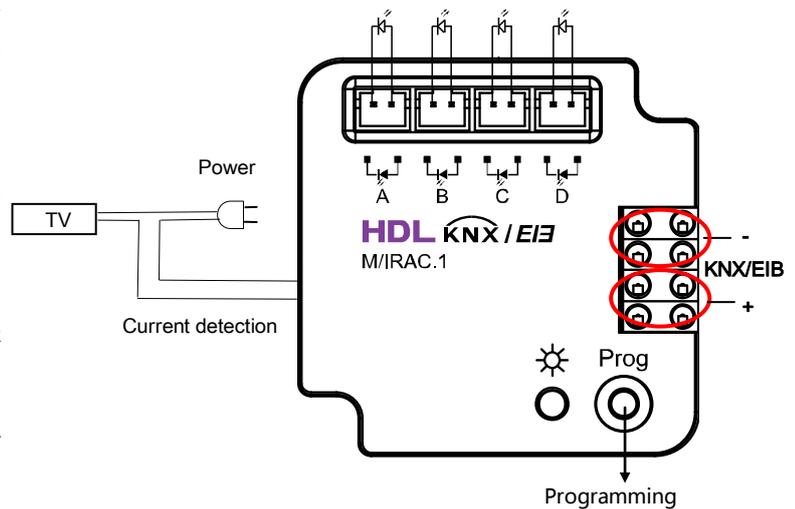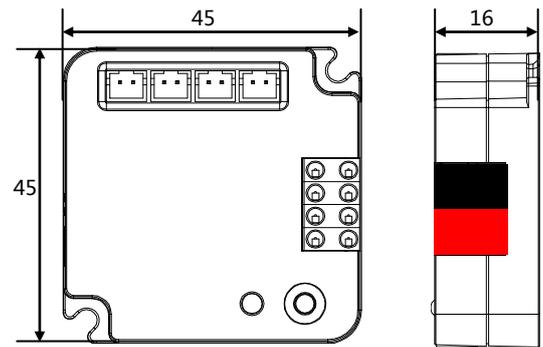
HDL IR Learner (HDL-MIR01L.01)

⚠ WARNING   Safety Attention

- Do not make wrong connection on Bus interface, it will damage the Bus interface of this module
- Do not get AC240V voltage into KNX/EIB Bus wire and IR port, it will damage all devices in the system
- Ensure good ventilation
- Avoid contact with liquid and aggressive gas