

**SKYE INSTRUMENTS LIMITED
LLANDRINDOD WELLS. UK**

MODLINK MODEM CONTROLLER UNIT

The ModLink Modem Unit is designed to control a standard external modem for use with a Skye MiniMet weather station or DataHog datalogger.

The unit is mains powered allowing a modem connection link to the datalogger 24 hours a day.

There are 2 versions of ModLink:

1. MOD1 ModLink - this device is intended to connect directly to a MiniMet or DataHog logger. MOD1 ModLink also includes a mains power transformer to continuously power the datalogger, eliminating the need to change batteries at regular intervals. Distances between the datalogger and the telephone point of up to 50m can be used with the MOD1 ModLink.
2. MOD2 ModLink - this device is intended to connect to a Mains Hog or Mains Hog with Signal Boosters for distances between the datalogger and the telephone point between 50m and 1 km. MOD2 does not include a mains power transformer as this function is already in place in the Mains Hog unit.

The ModLink is easy to install and set up, and once in place will operate automatically with no or very little maintenance.

Items required:

1. DataHog or MiniMet datalogger
2. MOD1 ModLink plus required length of CAB/L extra cable up to 50m
OR
MOD2 ModLink plus ACC/9B Mains Hog with Signal Boosters plus required length of CAB/SB extra cable up to 1km (if preferred, cable can be obtained locally, choose 4 twisted pairs type cable)
3. MODEM – Hayes compatible quality hardware type fax modem (sometimes described as an external PC modem) including mains power supply
4. Required at datalogger site – one telephone connection point, two mains power points (for ModLink and Modem)
5. Required at office PC - software e.g. SkyeLynx Auto or SkyeLynx Deluxe, PC installed with a Hayes compatible quality hardware type fax modem (sometimes described as an external PC modem)

We advise long lengths of cable are well protected from damage, e.g. use conduit and bury underground if possible.