

Introduction

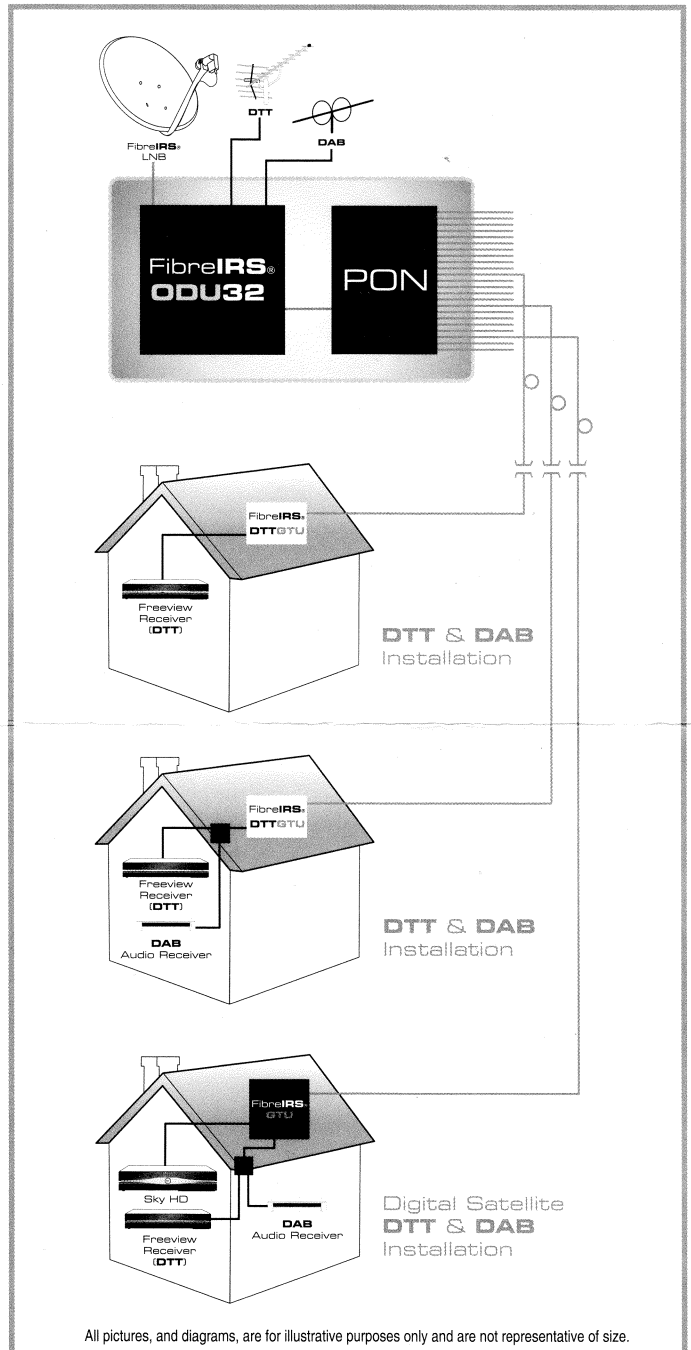
The purpose of this guide is to enable the successful installation of the Global Invacom FibreIRS® DTTGTU.

This guide assumes that:

1. A qualified installation engineer is installing this product.
2. The DTT is connected to a suitable Global Invacom FibreIRS® Passive Optical Network, providing minimum signal levels of -12.2 dBm at the connection point of the DTTGTU.
3. All ferrule end faces of FC/PC optical connectors are cleaned prior to making a connection using suitable fibre optic cleaning kit.

FibreIRS® DTTGTU Installation

1. Site the Global Invacom FibreIRS® DTTGTU Converter in a suitable and weatherproof location at the clients home/building.
2. Clean the ferrule end face of the FC/PC connector at the end of the GI-3.0/5.0 single mode fibre cable coming from the connected FibreIRS® ODU32 at the antenna location.
3. Measure the optical power from the FC/PC connector (this should not be less than -12.2dBm).
4. Disconnect the optical power meter, clean the ferrule end face of the FC/PC connector and insert this into the Optical Input of the GTU.
5. Connect the PSU included with the GTU. Observe the LED indicator located on the side of the GTU. This will change colour from Red to Green if an acceptable level of optical power is received (>12.2 dBm).
6. Using a conventional digital terrestrial signal meter check the output level of the GTU via the 'F' connector DTT/DAB output.
7. Connect the DTT/DAB output of the GTU to the Digital set-top box/IDTV or DTT/DAB compatible distribution amplifier. If required separate the DAB signal from the DTT signal using a suitable diplexer before connecting to a DAB tuner.
8. Once all Digital set top boxes/IDTVs and DAB tuners are connected, tune in the connected equipment as per the manufacturer's instructions.



When installing Global Invacom equipment, to guarantee total satisfaction and reliability, please ensure only genuine Global Invacom manufactured products are used.