

Stacker De-Stacker



The Global Stacker De-Stacker allows the upgrade of an installation between a TWIN, or quad, LNB and a dual tuner digital receiver with recorder (PVR) on an existing one cable system.

Global Communications (UK) Ltd. can not be held responsible for damage caused to equipment during, or following, the install of the Stacker De-Stacker. For best results always have Satellite accessories installed by a professional installer.

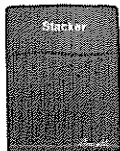
Global Communications UK Ltd reserve the right to change or amend products without prior notice.

Onecable

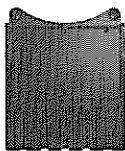
Recommended, CT100 type cable for installation. Installs up to 30 metres use **Stacker De-Stacker**. Installs between 30 - 60 metres (typically IRS systems) use **Stacker De-Stacker plus**.

Tools: (Drill), Marking Awl, Phillips Screwdriver.
optional

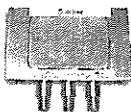
Product breakdown:



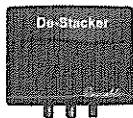
Stacker 'Front Cover'



Stacker 'Back Plate'



Stacker 'Tin Box'



De-Stacker

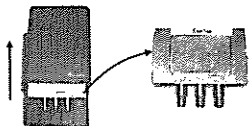
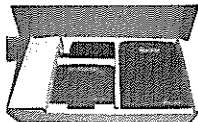
Installing the Stacker De-Stacker onto a DTH system

The Stacker

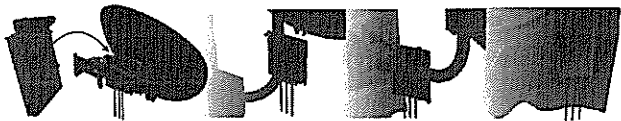
Before you begin installing the **Stacker De-Stacker**, switch off your digital satellite set-top box and disconnect the mains plug.

Install the Stacker onto a mini dish, standard dish or wall, by following the instructions below and amending where necessary to suit your system.

- Remove the **Stacker** unit from the packaging and take it to the location of your satellite mini dish.
- Slide off the 'front cover' of the **Stacker** and remove the **Stacker** tin box.



- Locate the **Stacker** 'back plate' against the horizontal arm of a mini dish, the pole of a standard dish, or the wall. This can be done by either fastening with the cable tie provided or by fixing the **Stacker** 'back plate' to the wall.

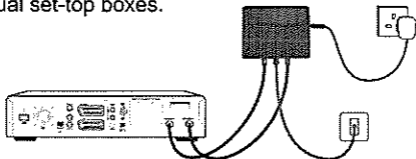


- d. Connect the LNB cables from the dish to the connectors marked **LNB1** and **LNB2**, on the **Stacker** 'tin box'.
- e. Connect the single cable, that runs to the Satellite Set-top box, onto the remaining port of the **Stacker** 'tin box' marked '**COMMON**'.
- f. Insert the tin box into the **Stacker** 'back plate' and slide the 'front cover' over the top to hold it in place. Ensure that the cover locates when shut as this assists with making the **Stacker** water resistant.

Note: Always mount the **Stacker** vertically with the cables facing down, as shown in the install pictures.

The De-Stacker

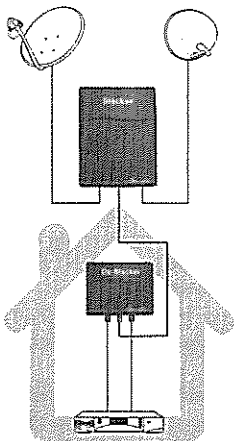
- a. Connect the single cable, coming from the dish, to the centre connector of the **De-Stacker** marked '**COMMON**'. If a wall plate is required it must be a **Stacker** compatible wall plate. For best results use the Global Euroframe and Euromod HQF.
- b. Connect 2 coax cables to the 2 connectors on the **De-Stacker**, marked **LNB 1** and **LNB 2**.
- c. Connect the other end of each cable to the dish inputs 1 and 2, on the back of a PVR (e.g.Sky,+), or to the dish input of 2 individual set-top boxes.



- d. Plug the power pack (supplied) into the DC socket of the **De-Stacker** and connect to a local pug socket and switch on.
- e. Re-connect the Satellite set-top box(es) and switch on.

Congratulations on installing the **Stacker De-Stacker** onto your DTH system. You should now be able to receive all the Satellite signals, previously received, with the added benefit of a second LNB feed, all on *One cable*

Typical DTH Install



Installing the **Stacker De-Stacker** onto an MDU System

The Stacker

When installing the **Stacker De-Stacker** into an existing Multi-switch system, it is necessary to ensure that there are the required number of outputs needed for a PVR style system.

Before you begin installing the **Stacker De-Stacker**, switch off any digital satellite set-top boxes and disconnect the mains plug.

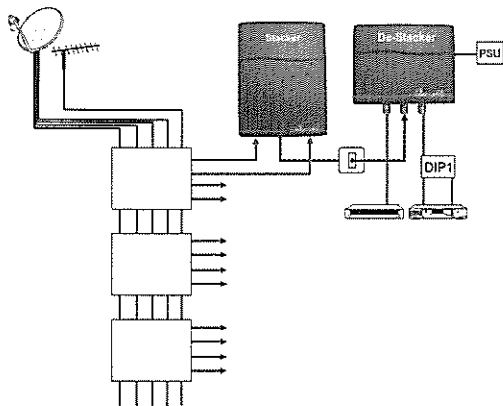
- Choose a spot for the **Stacker** close to the existing multi-switch
This may be mounted in several ways (see **Stacker DTH** installation pictures overleaf).
- Connect 2 outputs from the multi-switch, onto the inputs of the **Stacker** 'tin box' marked **LNB1** and **LNB2**.
- Connect the existing apartment feed to the output of the **Stacker** 'tin box' marked '**COMMON**'.
- Insert the **Stacker** 'tin box' into the **Stacker** 'back plate' and slide the cover on, until it locates.

The De-Stacker

- Connect the single feed from the multi-switch onto the centre connector of the **De-Stacker** marked '**COMMON**'. If a wall plate is required it *must* be a **Stacker** compatible wall plate. For best results use the Global Euroframe and Euromod HQF.
- Connect 2 coax cables (not supplied) to the connectors on the **De-Stacker**, marked **LNB 1** and **LNB 2**.
LNB2 carries the terrestrial signals through it, so a diplexer (not supplied) will be needed, on this port, to extract the signals (see diagram below).
- Connect the other end of each cable to the dish inputs 1 and 2, on the back of a PVR (e.g. Sky,+), or to the dish input of 2 individual set-top boxes.
- Plug the power pack (supplied) into the DC socket of the **De-Stacker** and connect to a local pug socket and switch on.
- Re-connect the Satellite set-top box(es) and switch on.

Congratulations on installing the **Stacker De-Stacker** to your MDU system. You should now be able to receive all the Satellite and terrestrial signals, previously received, with the added benefit of a second LNB feed, all on *One cable*

Typical MDU Install



Specifications

Stacker

RF Connectors (75 Ohm) 'F' Type:

LNB 1(Converted) Input:	950MHz - 2150 MHz
LNB 2 Input:	47MHz - 2150 MHz
Common Output:	47MHz - 3850 MHz

Insertion loss / gain:

LNB 1(Converted) to Common:	0 dB
LNB 2 to Common:	-2 dB

Power consumption:

Supplied by De-Stacker

Dimensions (waterproof cover):

155 x 122 x 35mm excl.
support bracket (18mm deep)

De-Stacker

RF Connectors (75 Ohm) 'F' Type:

LNB 1(Converted) Output:	950MHz - 2150 MHz
LNB 2 Output:	47MHz - 2150 MHz Common
Input:	47MHz - 3850 MHz

Insertion loss / gain

	Standard	<i>plus</i>
Common to LNB 1(Converted):	0 dB	+9 dB
Common to LNB 2:	-2 dB	+6 dB

Power Consumption:

External power supply
(included) protected.

Dimensions:

116 x 90 x 32mm
excl. connectors.

Combined

Operational Cable (CT100 type cable):

LO SSB Phase Noise:	-80dBc/Hz at 10kHz offset. Integrated Noise: 1.5degree rms
---------------------	--

Min Input Level:

Standard	+68dBuV with 30m cable
<i>plus</i>	+70dBuV with 60m cable

Max Input Level at LNB1:

+95dBuV, total power

Spurious Outputs:

-40dBc at max. input level

Operating Temperature:

-15°C- +40°C

Global ^{(UK) Ltd}
COMMUNICATIONS

www.globalcom.co.uk

Customer Support Line: 01621 744322