GeoSync

GK2LB TWIN LNB - Technical Specification			
1	Input Frequency Range	Low Band	10.7-11.7GHz
		High Band	11.7-12.75GHz
2	Input Feedhorn	Optimised for offset dish	40mm dia.
3	Output Frequency Range	Low Band	950-1950MHz
		High Band	1100-2150MHz
4	Output VSWR	Typical 950-2150MHz	2.5:1 Max
5	Output type/impedance	F-Connector female	75 Ohm
6	Local Oscillator Frequency	Low Band	9.75GHz
		High Band	10.6GHz
7	Local Oscillator Stability	Typical @ 25°C	±1MHz
8	Phase Noise @	1kHz @ 25°C	-55dBc/Hz
		10kHz @ 25°C	-80dBc/Hz
		100kHz @ 25°C	-100dBc/Hz
9	Conversion Gain	Typical @ 25°C	55-65dB
10	Gain Flatness	Typ. over any 26MHz Band	±0.75dB
11	Noise Figure	Typical	0.6dB
12	Cross Polar Isolation	Typical	20dB
13	Image Rejection	Typical	40dB
14	Current Consumption	Maximum	200mA
15	Operating Voltages and Control Signals	Ca Vertical	10.5-14.5VDC
		Cb Horizontal	15.5-21.0VDC
		Cc High ON/ Low OFF	22±4kHz/0kHz

Declaration of Conformity

Hereby, GeoSync declares that this LNB for satellite broadcast reception in domestic premises conforms with the Radio Equipment Directive 2014/53/EU.

The full Declaration of Conformity is available by contacting the following internet address: www.geo-sync.co.uk/446002

UK CA CE

Contact us: info@geo-sync.co.uk

GeoSync

GK2LB Universal Twin LNB

UNIVERSAL Ku BAND **LNB** | **2** OUTPUT | **Mk 4** BRACKET | **VERY LOW NOISE**

The GK2LB is a Universal Twin LNB which means it is designed to work with any satellite broadcasting in the Ku Band and a standard satellite receiver.

- **2 outputs allow you to feed signals to 2 satellite receivers or a receiver with built-in recorders (PVR)**
- **Fitted with a bracket for the popular Mk. 4 elliptical dishes used in the UK**
- **Spirit level helps ensure dish is set up correctly**
- **Skew angle guide helps align on Sky™ or Freesat™ in the UK**
- **Low noise factor further improved with patent feedhorn design for a cleaner signal and better picture**
- **Pull-down weather shield keeps rain away from cable connections**

PROFESSIONAL SIGNAL RECEPTION

GeoSync

Introduction

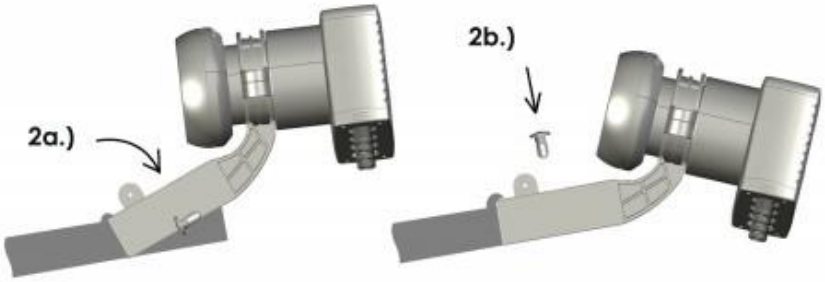
The GK2LB is a Universal Quad LNB that can be used to receive signals from one of the many satellites beaming signals down.

Installation – as easy as 1, 2, 3

This guidance is given for the replacement of an LNB on the Mk.4, Zone 1 or 2 elliptical dishes popular in the UK and assumes that the dish is correctly aligned. If you have a different type of dish, it should be supplied with a bracket with a 40mm dia. collar which is compatible with GeoSync LNB's.

1.) If you are trying to receive Sky™ or Freesat™ refer to the map and picture opposite and align the bracket on the LNB at the appropriate angle, then tighten it securely.

2.) Having removed the old LNB slot the bracket onto the satellite dish arm and secure it in place with the split pin.



3.) Connect each of the coax cables to the outlets on your new LNB and pull down the weather shield

Dish Alignment

If you are fitting and aligning a new dish you can find further guide maps on our website www.geo-sync.co.uk

To help you align your LNB with Sky™ or Freesat™ from the UK the GK4LB has a recess on the feedhorn at the correct range of angles. Twist the bracket to line up the > on the top with this area on the LNB.