

Assembly Instructions

English



Grundig SAT Systems

Head-End Station SAT IF input distributor

SID 160



Notes on the Assembly Instructions.

As well as this supplementary Assembly Instructions, the Assembly Instructions for the head-end station apply.



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1	Safety regulations.....	2
2	General information	3
2.1	Scope of delivery	3
2.2	Meaning of the symbols used.....	3
2.3	Technical data.....	3
2.4	Description	3
3	Overview	4
4	Installing the SAT IF input distributor.....	4

1 SAFETY REGULATIONS



- The standards IEC/EN/DIN EN 50083 resp. IEC/EN/DIN EN 60728 must be observed.
- Do not perform installation and service work during thunderstorms.
- Assembly, installation and servicing should be carried out by authorised electricians.
- Switch off the operating voltage of the system before beginning with assembly or service work.
- Avoid short circuits!
- Observe the relevant standards, regulations and guidelines on the installation and operation of antenna systems.
- To ensure electromagnetic compatibility, make sure all connections are tight and the covers are screwed on securely.
- No liability is accepted for damage caused by faulty connections or inappropriate handling of the device.



Check the head-end station according to the safety instructions listed in their assembly instruction.



Take precautions to prevent static discharge when working on the device!



Electronic devices should never be disposed of in the household rubbish. In accordance with directive 2002/96/EC of the European Parliament and the European Council from January 27, 2003 which addresses old electronic and electrical devices, such devices must be disposed of at a designated collection facility. At the end of its service life, please take your device to one of these public collection facilities for proper disposal.

2 GENERAL INFORMATION

2.1 SCOPE OF DELIVERY

- 1 SAT IF input distributor
- 1 Brief Assembly Instructions
- 8 SAT cables
- Mounting material

2.2 MEANING OF THE SYMBOLS USED



Important note

- Performing works

2.3 TECHNICAL DATA

The requirements of the following are met:

2006/95/EC, 2004/108/EC

The product fulfils the guidelines and standards for CE labelling (page 6).

Unless otherwise noted all values are specified as "typical".

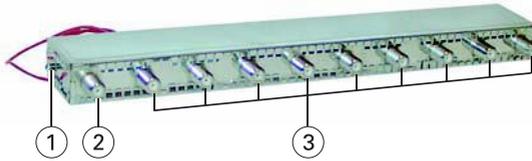
Frequency range: 950 ... 2150 MHz
Tap-loss 16... 19 dB
Decoupling of the outputs: 30 dB
Input: 1
Outputs: 9
Output impedance: 75 Ω
LNB operating voltage supply (via external connector): max. 800 mA ==

2.4 DESCRIPTION

The SAT IF input distributor SID 160 is equipped with one SAT IF input and 9 SAT IF outputs. It is intended for distributing SAT IF signals in the head-end station.

The external DC power feed (max. 800 mA ==) is used for the power supply of the LNBs connected.

3 OVERVIEW



- ① Power connection
- ② SAT IF input
- ③ SAT IF outputs

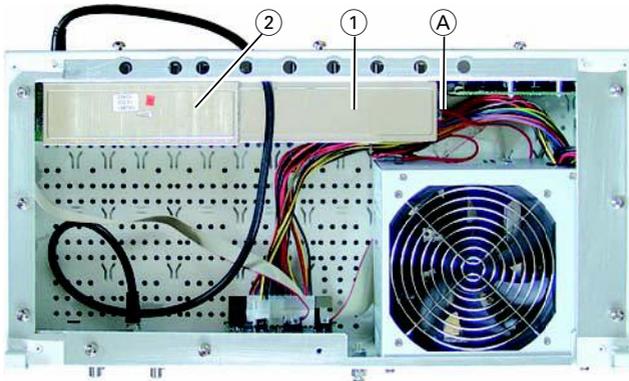
4 INSTALLING THE SAT IF INPUT DISTRIBUTOR



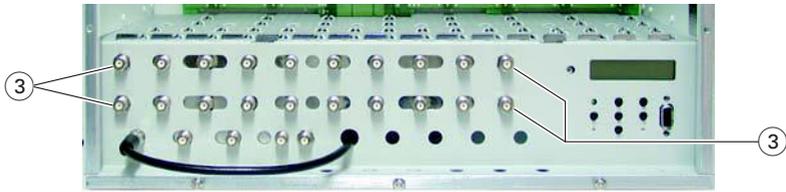
Before installing or changing a module or accessory, switch off the head-end station or unplug the power cable from the mains power socket. Installing the SAT IF input distributor take care that no cables are squeezed off or injured.

Take measures to protect against ESD!

- Remove the front cover and the base plate of the head-end station.
- Insert the SAT IF input distributor ① above the output collector ② so that the LNB power connection (A) is facing the control panel.

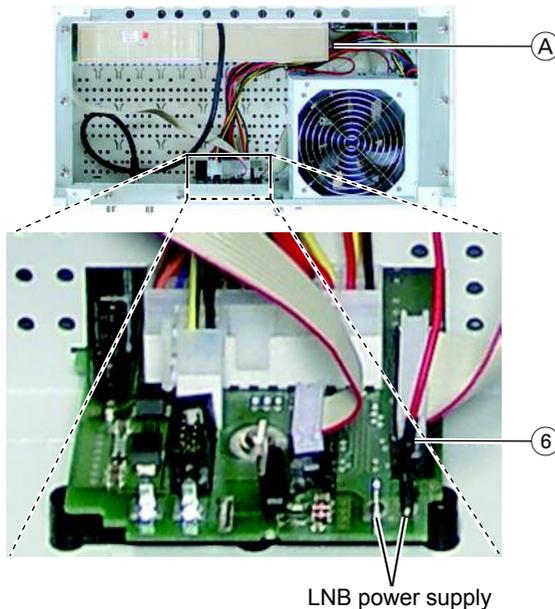


- Fasten the outer sockets of each SAT IF input distributor (3) with two nuts each and lock washers put under (example with 2 SAT IF input distributors).



Tighten the nuts until the teeth on the lock washers have penetrated the exterior coating and a good connection is made between the housing and the SAT IF input distributor.

- For LNB power supply connect plug (6) of the cable (A) to one of the contacts "LNB power supply" (800 mA = total).



After installing, it is necessary to tighten all connections and cover screws in order to maintain compliance with current EMC regulations.

CE - Declaration of Conformity

	Konformitätserklärung Declaration of Conformity / Déclaration de Conformité 021/ 07	CE
Der Hersteller/Importeur The manufacturer/importer Le producteur/importateur	GSS GRUNDIG SAT Systems GmbH	
Anschrift / Address / Adresse	Beuthener Straße 43, D-90471 Nürnberg, Germany	
erklärt hiermit eigenverantwortlich, daß das Produkt: declare under their sole responsibility that the product: / déclare, que le produit:		
Bezeichnung / Name / Description	Eingangverteilsfeld	
Type / Model / Type	GRUNDIG SID 160	
Bestell-Nr. / Order-No. / N° de réf.	GAK5400	
folgenden Normen entspricht: is in accordance with the following specifications: / correspond aux normes suivantes:		
	EN 50083-2:	2001
	EN 60950:	2001
Das Produkt erfüllt somit die Forderungen folgender EG-Richtlinien: Therefore the product fulfils the demands of the following EC-Directives: Le produit satisfait ainsi aux conditions des directives suivantes de la CE:		
73/23/EWG	Richtlinie betreffend elektrische Betriebsmittel zur Verwendung innerhalb bestimmter Spannungsgrenzen Directive relating to electrical equipment designed for use within certain voltage limits Directive relatives au matériel électrique destiné à être employé dans certaines limites de tension	
89/336/EWG	Richtlinie über die elektromagnetische Verträglichkeit Directive relating to electromagnetic compatibility Directive relatives à la compatibilité électromagnétique	
Nürnberg, 27. Februar 2007		
	 Michael Bierschneider Leiter Entwicklung Manager Development / Directeur Développement	

