

QUICK START GUIDE

4 x DVB-S/S2/T/T2/C to 4 x DVB-T/C

FTA Regenerating Headend - KRH100

1. Introduction

Congratulations on purchasing the KRH100. You now own a high quality, professional mini DTV headend.

To get the most out of your purchase, please take the time to carefully read through this quick start guide.

2. Product Details

DESCRIPTION:

The KRH100 is a very powerful, all-in-one mini headend device, able to receive up to 4 independent satellite (DVB-S/S2), terrestrial (DVB-T/T2) or cable (DVB-C) signals and convert them either in 4 x DVB-T/C RF output channels. It supports "pool" technology, meaning that the user is able to select any program from any of the 4 inputs and assign them to any of the 4 outputs providing great flexibility.

The embedded web server of the KRH100 provides a very friendly user interface as well as the ability of remote or local control of the device via LAN.

Its small size and its powerful features render the KRH100 the ideal solution in case you want to distribute FTA (Free-To-Air) TV programs coming from satellite (DVB-S/S2), terrestrial (DVB-T/T2) or cable (DVB-C) sources to a CATV installation using the DVB-T/C.

FEATURES:

- 4 x independent multi-standard inputs DVB-S/S2/T/T2/C
- 1 x RF output containing up to 4 x DVB-T/C channels (software selectable)
- "Pool" technology
- MER value > 42dB
- PID filtering
- Redundancy mode compatible
- Custom NIT/SDT
- Local or remote control via webserver
- User friendly interface
- Wall or rack mount options
- SNMP v2
- Ultra-compact in size
- 5 Year Warranty (KRH100) & 3 Year Warranty (Power Supply)

3. Installation

The KRH100 has a user friendly interface for programming and monitoring purposes.

The user is able to gain access to the embedded webserver, by opening an Internet browser (e.g. Internet Explorer, Firefox or Chrome) that supports HTML 5.0 and type the following static **IP: 192.168.1.205**.

The default username and password are as follows:

Username: admin

Password: 12345

Quick Setup - For pass through of all channels / parameters only.

STEP 1 -

1. Select "Regional settings" from the side bar.
2. From the "Please select your region" drop down list, select Australia.

STEP 2 -

1. Select "Input" from the side bar. It will automatically default to INPUT 1 for programming.
2. From the "Tuner" drop down list, select DVB-T/T2
3. From the "Channel" drop down list, select your desired channel, i.e. 6.
4. Click "Apply" & the click "Yes, apply" to save.
5. Select "Input 2".
6. Repeat points 2, 3, & 4. Then repeat this process for Input 3 & 4 as required.

STEP 3 -

1. Select "TS configuration" from the side bar.
2. Click the grey box for each input you have programmed. This will allow all channels/parameters to pass through unconditionally.
3. Click "Apply" & the click "Yes, apply" to save.

STEP 4 -

1. Select "RF output" from the side bar.
2. For Output 1, from the "Channel" drop down list, select the desired output channel, i.e. 6. The remaining outputs will automatically populate.
3. Click "Apply" to save.
4. If required, adjust the RF outputs level from the output level section below.
5. Click "Apply output levels" to save.

The headend installation is now complete.

4. More Information

You can download the full manual at www.kingray.net.au

STANDARD COMMUNICATIONS CONTRACT WARRANTY AGAINST DEFECTS

This warranty against defects is given by Standard Communications Pty Ltd ACN 000 346 814 (We, us, our or GME). Our contact details are set out in clause 2.7. This warranty statement only applies to products purchased in Australia. Please contact your local GME distributor for products sold outside of Australia. Local distributor details at www.gme.net.au/export.

1. Consumer guarantees

1.1 Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

1.2 To the extent we are able, we exclude all other conditions, warranties and obligations which would otherwise be implied.

2. Warranty against defects

2.1 This warranty is in addition to and does not limit, exclude or restrict your rights under the Competition and Consumer Act 2010 (Australia) or any other mandatory protection laws that may apply.

2.2 We warrant our goods to be free from defects in materials and workmanship for the warranty period (see warranty table) from the date of original sale (or another period we agree to in writing). Subject to our obligations under clause 1.2, we will at our option, either repair or replace goods which we are satisfied are defective. We warrant any replacement parts for the remainder of the period of warranty for the goods into which they are incorporated.

2.3 To the extent permitted by law, our sole liability for breach of a condition, warranty or other obligation implied by law is limited

(a) in the case of goods we supply, to any one of the following as we decide -

(i) the replacement of the goods or the supply of equivalent goods;

(ii) the repair of the goods;

(iii) the cost of repairing the goods or of acquiring equivalent goods;

(b) in the case of services we supply, to any one of the following as we decide -

(i) the supplying of the services again;

(ii) the cost of having the services supplied again.

2.4 For repairs outside the warranty period, we warrant our repairs to be free from defects in materials and workmanship for three months from the date of the original repair. We agree to re-repair or replace (at our option) any materials or workmanship which we are satisfied are defective.

2.5 We warrant that we will perform services with reasonable care and skill and agree to investigate any complaint regarding our services made in good faith. If we are satisfied that the complaint is justified, and as our sole liability to you under this warranty (to the extent permitted at law), we agree to supply those services again at no extra charge to you.

2.6 To make a warranty claim you must before the end of the applicable warranty period (see warranty table), at your own cost, return the goods you allege are defective, provide written details of the defect, and give us an original or copy of the sales invoice or some other evidence showing details of the transaction.

2.7 Send your claim to: Standard Communications Pty Ltd.
17 Gibbon Road, Winston Hills, NSW 2153, Australia.
Tel: (02) 8867 6000,
Fax: (02) 8867 6199

Email: servadmin@gme.net.au

2.8 If we determine that your goods are defective, we will pay for the cost of returning the repaired or replaced goods to you, and reimburse you for your reasonable expenses of sending your warranty claim to us.

3. What this warranty does not cover

3.1 This warranty will not apply in relation to:

(a) goods modified or altered in any way;

(b) defects and damage caused by use with non Standard Communications products;

(c) repairs performed other than by our authorised representative;

(d) defects or damage resulting from misuse, accident, impact or neglect;

(e) goods improperly installed or used in a manner contrary to the relevant instruction manual; or

(f) goods where the serial number has been removed or made illegible.

4. Warranty period

4.1 We provide a 5 year warranty on the KRH100 and 3 year warranty on power supply. No repair or replacement during the warranty period will renew or extend the warranty period past the period from original date of purchase.