Phor Andrew Technology Group

Terrestrial TV Satellite TV LCD & LED TV Audio Visual Measurement Tools Mounting Hardware Solar Power

12 Volt Accessories

2012 Product Catalogue

PG-1 About Us

Phoenix Technology Group is an Australian owned company that has grown to become Australia and the Pacific's leading importer and distributor of satellite & terrestrial television equipment. Phoenix also has a growing power products division for both the residential solar and RV industries.

Utilising both our production facility in Shanghai China and our close ties with many factories worldwide we are able closely monitor quality control and provide fast turnaround. Phoenix can also design and manufacture metal hardware for your projects, just ask for a quote. We also provide OEM manufacture for many Australian companies and are able to make goods with your branding and to your specifications.

Phoenix distributes a wide range of products including:

- Digital satellite receivers
- Digital terrestrial receivers
- Ku band and C band L.N.B.
- Satellite dishes
- Terrestrial antennas
- Amplifiers & Splitters
- Coaxial, security & data cables
- Satellite Dish mounting brackets
- Meters & Spectrum analysers
- LCD Televisions
- Installation accessories







Phoenix Technology proudly supplies the following brands:



Head Office:

Unit 21/148 Cherterville Rd, Moorabbin, 3189

Sales & Service Telephone: 03 9553 3399 Fax Hot Line: 03 9553 3393 Email: sales@ptv.com.au Website: www.phoenixtelevision.com.au Direct Deposit Details: T&Q Australia P/L Westpac Banking Corporation

BSB 033-385 ACC 297570

Phoenix Technology Group

Contents PG-2

Terrestrial TV

Digital STB's	PG 3-4
TV Antenna's	PG 5-8
TV Antenna Mounts	PG 9
Diplexers & Power Packs	PG 10
Amplifiers	PG 11-12
Televisions	PG 13-14
TV Mounting Brackets	PG 15-17
TV Splitters	PG 18

<u>Audio Visual</u>

Audio Visual Cables	PG 19-20
VGA Cables & Patch Cables	PG 21-22
AV Accessories	PG 23-25

Installation Accessories

Wall Plates	PG 26
Connectors	PG 27-28
Coaxial & Data Cable	PG 29-30
Tools	PG 30-31
Installation Accessories	PG 33

Satellite TV

Satellite Receivers	PG 34
Satellite Decoders	PG 35-37
Satellite Receiver Kits	PG 38-40
Ku Satellite Dishes	PG 41
Mobile Ku Satellite Dishes	PG 42
Ku Roof Mounting Hardware	PG 43
Ku Motors	PG 44

Satellite TV continued

Ku & C-Band LNB's & LNBF	PG 45-46
LNB Accessories	PG 47
C-Band Mounts & Poles	PG 48
Prime Focus Dishes	PG 49-50
Positioners & Actuators	PG 51
Satellite Splitters	PG 52
Multiswitches	PG 53-54
CAM's & Cards	PG 55

Satellite & Terrestrial Meters

Terrestrial TV Meters	PG 56-57
Satellite Finders	PG 58-59
Satellite Meters	PG 59-62

Wireless Internet

Caravan & 12V Accessories

Accessories & Antennas	PG 64
Folding Solar Panel Kits	PG 65
Pure Sine Wave Inverters	PG 66
Modified Sine Wave Inverter	s PG 67-68
Batteries	PG 69
Solar Regulators	PG 70
Solar Panels	PG 71-72

Technical Information

Digital TV Freq List	PG 73
Ku Transponder List	PG 74

Use a QR Reader on your smart phone to keep up to date with new products that didn't make it into our catalogue!



Terms & Conditions

Orders: Most carton size orders are shipped same day if the orders are placed prior to 1pm. Pallet size orders are normally shipped next day.

Back Orders: As back ordered stock becomes available goods will be automatically shipped.

Warranty: Phoenix Technology offers a back to base warranty, all goods returned for warranty repairs need to be returned at the customers cost and we will cover the freight cost back to the customer.

Freight: Phoenix Technology use a variety of freight providers to offer our customers the lowest cost and quality service. Customers may choose to use their own freight provider if required.

Insurance: All goods shipped are not covered by insurance, optional insurance is available. Please contact Phoenix Technology for further details.

Payment: We accept Visa, MasterCard, Direct Deposit, Cash, Money Order & Cheque.

No duplication of any part of this catalogue is permitted without the express permission of Phoenix Technology Group.

MEMBER **JT8000 HDTV STB**

Phoenix

12v version Part # 2009 240v version Part # 2010

Clean Energy Council

Choice Magazine's "WHAT TO BUY"



Features

Available in 12 Volt and 240 Volt. 12 Volt Version is Ideal For Use In Caravans.

Fully MPEG-2/DVB Compliant Long Range Tuner Hide the STB out of sight with 3m IR sensor. Dolby AC-3 & MPEG 1 **High Definition 1080i HDMI and VGA Outputs Component, CVBS and S-Video Outputs Optical Audio and Coaxial Video Outputs MEPS Energy Saving Power Supply**

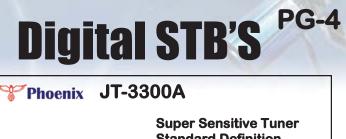
Teletext Function Electronic Program Guide (EPG) Parental Lock Dolby 5.1 PCM Digital Audio Suits all Australian Digital Channels Software Upgrade via RS232 **Compact Design 1** Year warranty

00

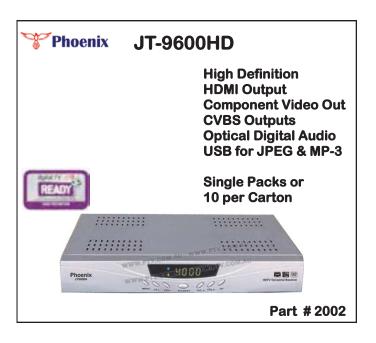
Specifications are subject to change without notice



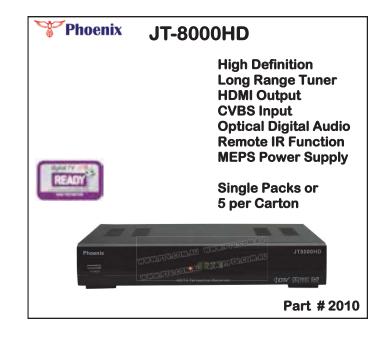


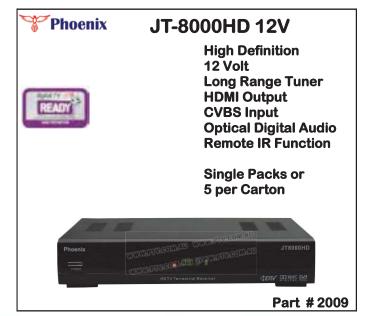






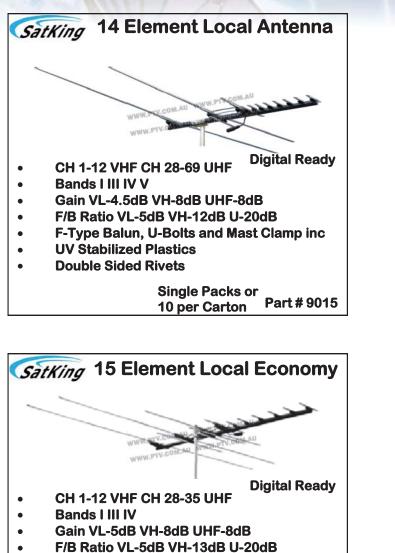


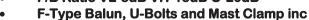




PG-5 TV Antenna's







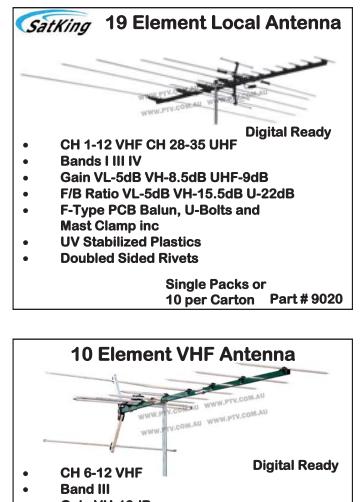
- UV Stabilized Plastics
- Doubled Sided Rivets

Single Packs or 10 per Carton Part # 9019C





10 per Carton Part # 9019



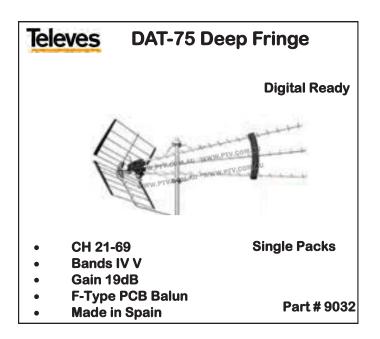
- Gain VH-13dB
- F/B Ratio VH-25 dB
- F-Type PCB Balun, U-Bolts and Mast Clamp Included
- UV Stabilized Plastics
- Doubled Sided Rivets

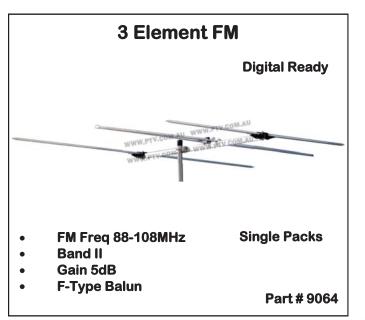
Single Packs or 10 per Carton Part # 9064

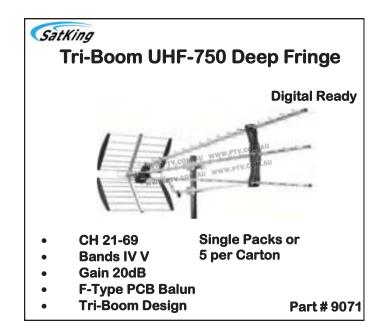


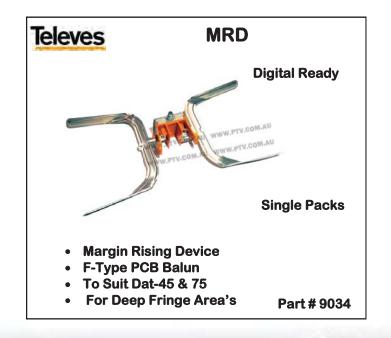










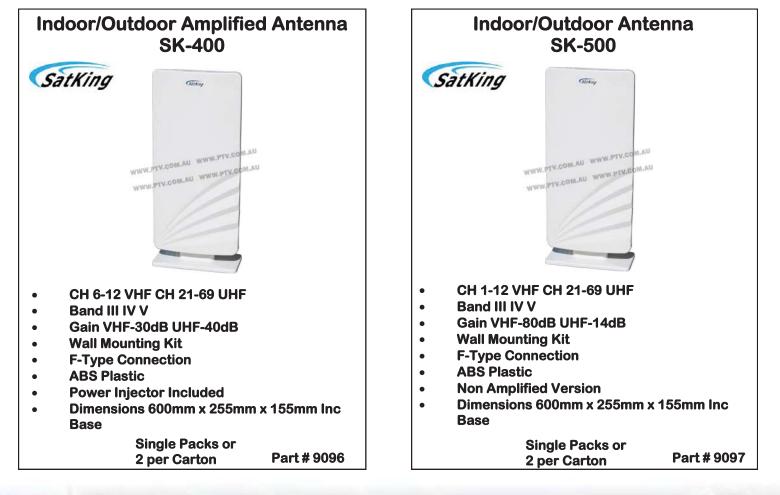


PG-7 TV Antenna's



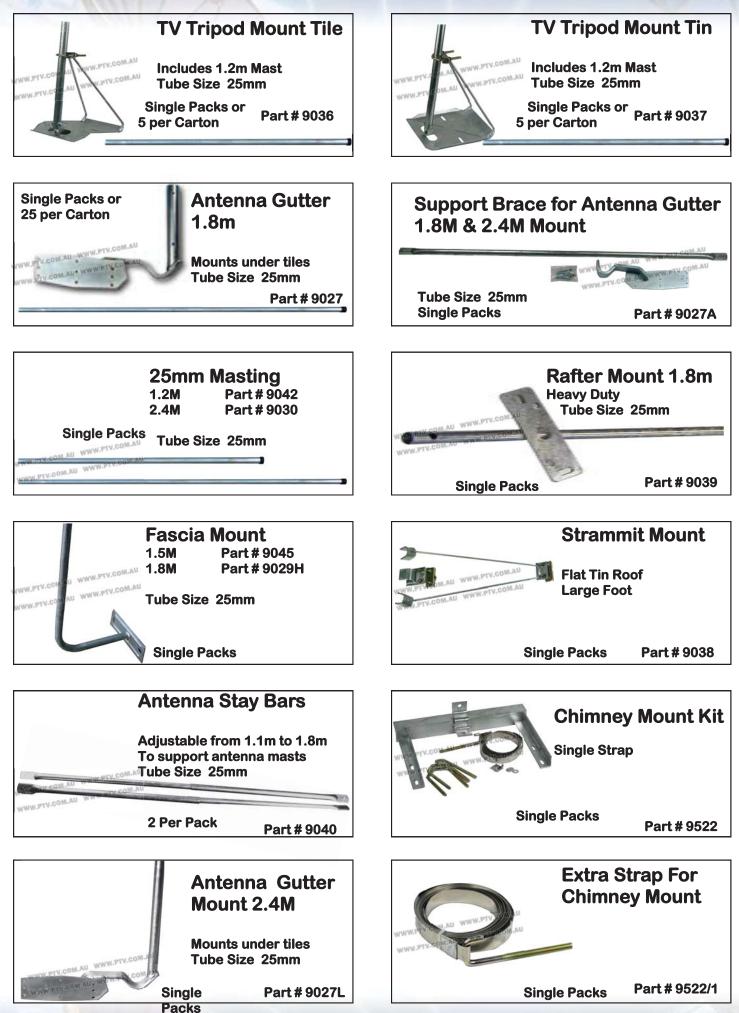






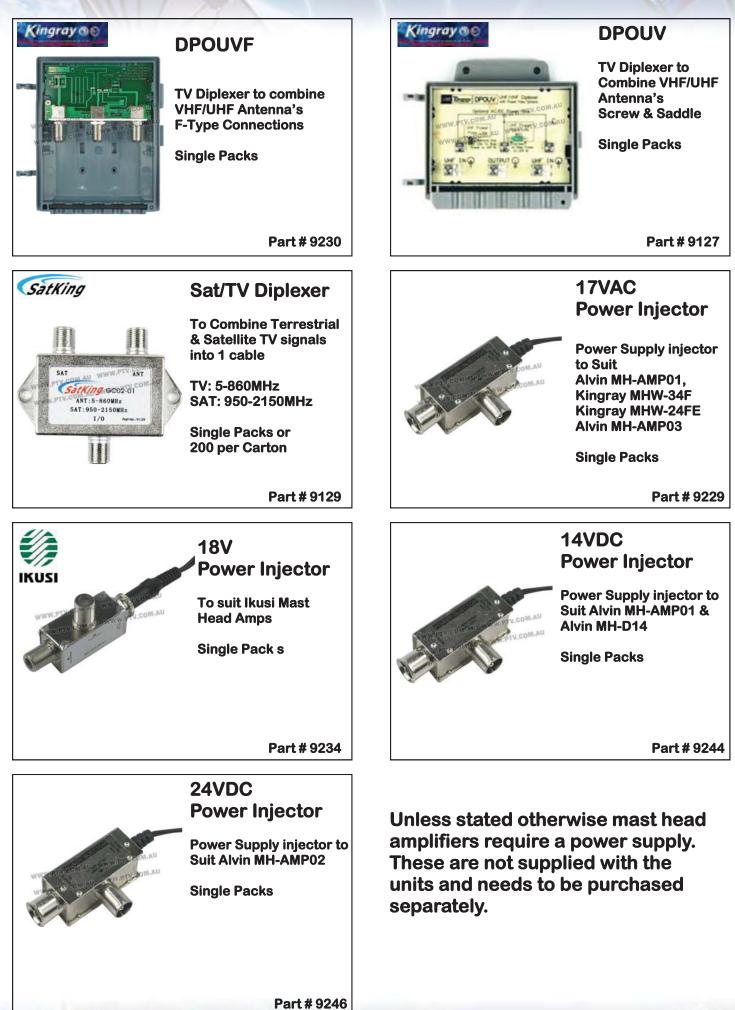
PG-9 **TV Antenna Mounts**







Diplexers & Power Packs PG-10



PG-11 Amplifiers







Amplifiers PG-12



Part# 9232

Kingray 👁





Mast Head Amplifier Single VHF/UHF Input VHF Max Adj Gain UHF 24dB Max Adj Gain 47-862MHz Freq Range

Single Packs or 20 per Carton



Part# 9231



24 MH-AMP01

Mast Head Amplifier Single VHF/UHF VHF Max Adj Gain UHF 24dB Max Adj Gain 47-862MHz Freq Range Requires 14VDC Pack

Single Packs or 20 per Carton

Part# 9230

Part# 9242

PG-13 Televisions

Phoenix 15" HD LCD TV





HD Tuner 1280x800 Lines 12/240Volts **1x HDMI Input 1x CVBS Input 1x Component Input 1x Audio Output**

Single Packs

Part# 2040

Phoenix 19" LED TV



HD Tuner **USB PVR Function** 1440x900 Lines 12/240Volts **1x HDMI Input 1x CVBS Input 1x Component Input 1x Audio Output**

Single Packs

Part# 2037

Phoenix 19" LCD HD & Sat TV



Satellite Tuner HD Terrestrial Tuner CI Slot 1366x768 Lines 1x HDMI Input **1x CVBS Input 1x Component Input 1x Audio Output**

Single Packs

Part# 2031

Phoenix 24" LED TV/DVD



HD Tuner **DVD Player USB PVR** Function 1920x1080 Lines 12/240Volts **1x HDMI Input 1x CVBS Input 1x Component Input 1x Audio Output 1x Coaxial Output**

Single Packs

Part# 2036

Phoenix 19" LED TV/DVD



HD Tuner **DVD Player** 1440x900 Lines **USB PVR Function** 12/240Volts **1x HDMI Input 1x CVBS Input 1x Component Input 1x Audio Output**

Single Packs

Part# 2034

Phoenix 22" LED TV



HD Tuner 1920x1080Lines **USB PVR Function** 12/240Volts **1x HDMI Input 1x CVBS Input 1x Component Input 1x Audio Output 1x Coaxial Output**

Single Packs

Part# 2033

Phoenix 22" LED TV/DVD



HD Tuner **DVD Player USB PVR Function** 1920x1080 Lines 12/240Volts **1x HDMI Input 1x CVBS Input 1x Component Input 1x Audio Output 1x Coaxial Output**

Single Packs Part# 2039



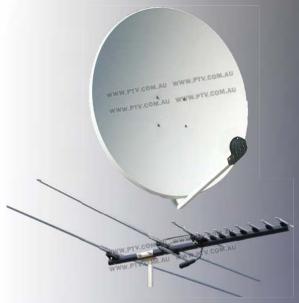
USB PVR Function Analogue Tuner 1920x1080 Lines **Hotel Lock Function 1x Coaxial Output 3x HDMI Inputs 1x CVBS Input 1x Component Input 1x Audio Output**

Single Packs Part# 2056

Part# 2031 Phoenix 19"LCD Satellite & HDTV



No more need for a Satellite decoder with this new LCD TV Both Satellite & Terrestrial tuners built into one compact 12v/240v unit



Features

Built in High Definition Terrestrial Tuner Built in Satellite Tuner CAM Slot Automatic Image Optimization Adaptive Motion De-interlacing HDMI Input Component Video Input Audio Output Piano Black Finish EPG Function Resolution: 1366x768 Lines (1080i) Response Time: 5ms Contrast Ratio: 1000:1 Brightness: 300cd/m2 Colours: 16.7 Million DVB-S & DVB-T: MPEG-2 Software Upgrade via USB Power: 12/240Volts 490x345x73mm No Stand 490x390x225 Inc Stand Weight: 5.5kgs

Specifications are subject to change without notice. Satellite dish and TV Antenna not included.

PG-15 TV Mounting Brackets





Phoeni

Fechnology Group



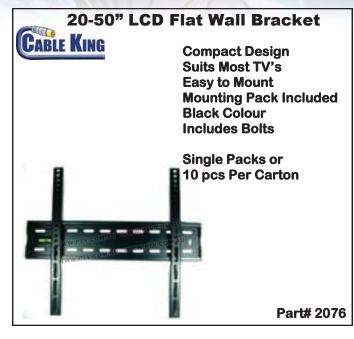








LCD TV Brackets PG-16











All Cable King wall brackets come included with mounting packs that include screws, washes and bolts to suit various types of installations.

CABLE KING 30"-64" Flat Screen Wall Bracket

Suits LCD, LED and any Plasma

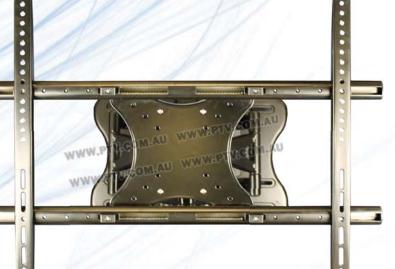
Super Heavy Duty Design Spirit Level Built In

Fully Adjustable to Suit All TVs TV size range: 40"-65" Loading weight: 75kg Tilt: -12 degree to +12 Degrees Swivel: -90 degree to + 90 Degree Distance to the wall: 165-715mm

COM.AU

m

Single Packs



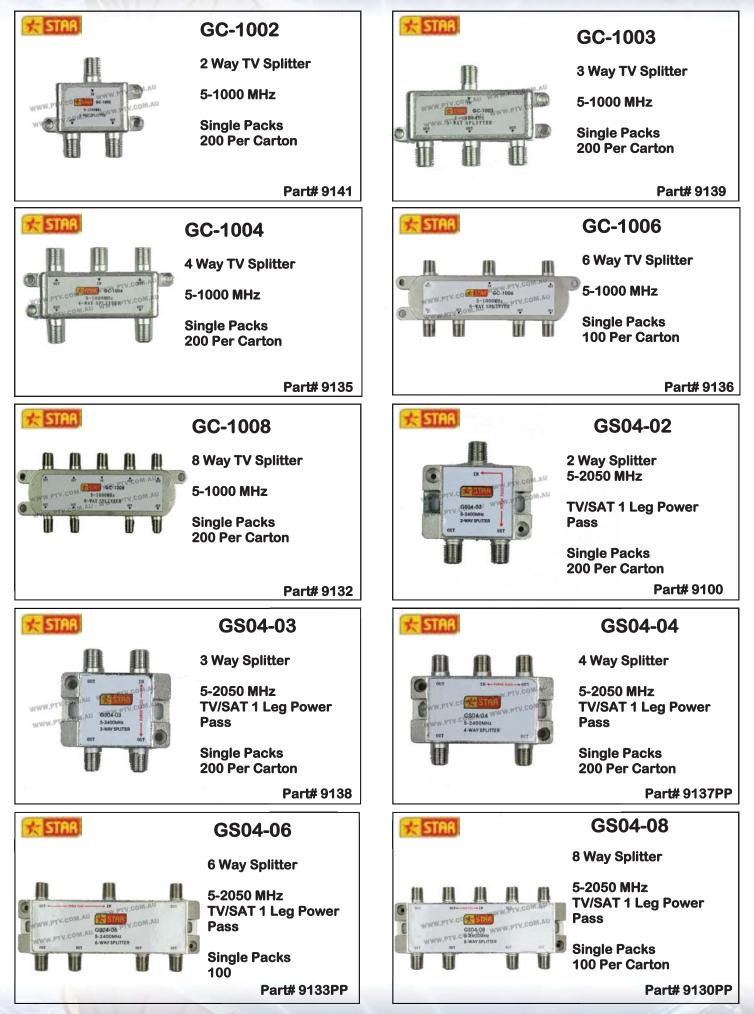
0

.....

0



TV Splitters PG-18



PG-19 AV Cables





AV Cables PG-20



Phoenix

Technology Group

Phoenix Technology Group Website: www.phoenixtelevision.com.au e-mail: sales@ptv.com.au PH: 03 9553.3399 Fax: 03 9553.3393 All care is taken in the creation of this catalogue but specifications are subject to change without notice.

Part# 9308

* For most applications 1.3v is adequate

PG-21 VGA & Patch Cables







Patch Cables PG-22

Cat5e Patch Cable

3m Full Cat5e Spec

High Speed Ready

Cat5e Patch Cable

20m Full Cat5e Spec

High Speed Ready Moulded Rubber Ends

Single Plastic Bags

Part# 4007

Grey Colour



Moulded Rubber Ends **Grey Colour Single PE Bags** Part# 4003 **Cat5e Patch Cable** 10m Full Cat5e Spec **High Speed Ready** Moulded Rubber Ends **Grev Colour Single PE Bags** Part# 4005

PG-23 AV Accessories









Phoenix Technology Group

RF Modulator OM-161

Analogue Output Adjustable Channel Output Audio Level Adjustment Brightness Adjustment Loop Output For Multi Modulator Installations Wall Mountable LED Display

Single Packs or 20 per Carton

Part # 2001



AV Sender SK-58TR 5.8 GHZ No Interference with Wireless Modems 75M Line of Sight Range Remote Extender Supports PAY TV Remotes

Single Packs or 12 per Carton

Part# 1811



AV Sender SK-58R Extra Receiver for the SK-58TR Supports PAY TV Remotes

Single Packs or 12 per Carton



Part# 1813

Part#2000

SatKing

Digital Modulator

DM-1CH

DM-1CH is a MPEG-2 Encoding, COFDM Modulation, and Frequency Conversion 3-in-1 Digital TV Signal Modulator. It converts one AV signal into a digital modulated (DVB-T) signal. This device is intended for the MATV systems to add more digital TV programs. The sources of its AV signals can be a satellite receiver, CCTV camera, DVD player or Pay TV Decoder. Its output signal is to be received by an integrated digital TV set or DVB-T receiver.

The following can be set on the front panel:

- 1. Output Signal Frequency (470-862MHz)
- 2. Output Level (80-95dBuV)
- 3. Constellation Mode (16/64QAM)
- 4. FEC (1/2, 2/3, 3/4, 5/6, 7/8)
- 5. Guard Interval (1/4, 1/8, 1/16, 1/32)
- 6. Mpeg-2 Rate (6Mbps/8Mbps/10Mbps/12Mbps)
- 7. Channel Bandwidth (5/6/7/8MHz)
- 8. TV Colour System (PAL/NTSC)
- 9. Channel Name (Letters + Numbers)

10. Working Time of LCD Background Light (10-250sec) Power Consumption: Max.10W FEC: 1/2, 2/3, 3/4, 5/6, 7/8 (Selectable) Size: 12.0 x 4.3 x 19.5cm Weight: 840g MPEG2 Code Rate: 6Mbps / 8Mbps / 10Mbps / 12Mbps (Selectable)

<image><text><text><section-header><section-header>

RIGHT LEFT DC 12V IN

GND

RF OUT

Perfect for Distributing PAY TV to Digital TVs

INPUT	OUTPUT
Video Input: 1 × CVBS SD	Standard: DVB-T (ETS 300744)
Video Input Level: Vpp = 1.0V +/- 0.3V	Output Frequency: 470-862MHz (0.1MHz Step)
Colour System: PAL / NTSC (Selectable)	Bandwidth: 5MHz/6MHz/7MHz/8MHz (Selectable)
Video Compression: MPEG2MP@ML	Constellation: 16QAM / 64QAM (Selectable)
Video Input Connector: RCA	Carrier: 2K
Audio Input: 1 × Mono / Stereo	Channel Name: Change with letters and numbers
Audio Input Connector: 2 × RCA	MER: 30dB (Typical)
Audio Compression: MPEG1	C/N: 40dB
ADAPTER & HOST MACHINE	Output: $1 \times RF$
Adapter Input: AC 100-240V 50/60Hz 1.5A	RF Output: 75ΩF connector Level: 80-95dBuV
Output: DC 12V 3.33A Weight: 400g	Value Setting: Lcd control panel
Host Machine: DC Input 12V	Guard Interval: 1/4 · 1/8 · 1/16 · 1/32 (Selectable)
Power Consumption: Max.10W	FEC: 1/2 · 2/3 · 3/4 · 5/6 · 7/8 (Selectable)
Size: 12.0 x 4.3 x 19.5cm Weight: 840g	MPEG2 Code Rate: 6Mbps / 8Mbps / 10Mbps / 12Mbps (Selectable)







PG-27 Connectors







Connectors PG-28



PG-29 Coaxial Cable







Coaxial Cable PG-30



PG-31 Tools



Part# 7021

Part# 7002

Part# 7011

Part# 7013

To Suit RG-6 Hex Type

Heavy Duty Construction

& RG-59 Connectors

Quick and Secure

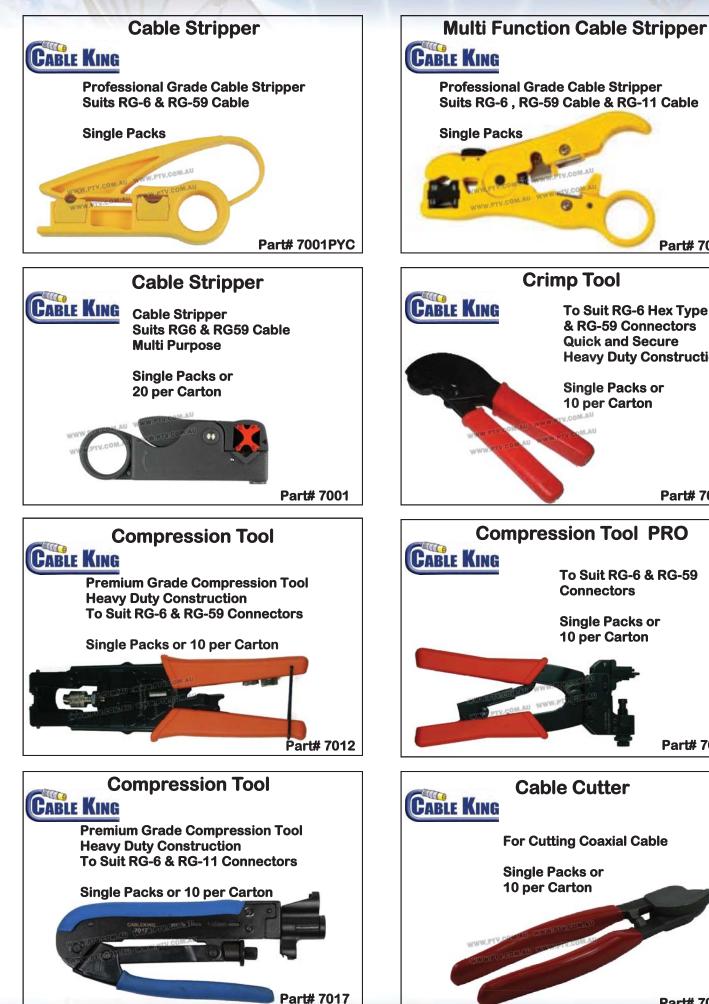
Single Packs or

To Suit RG-6 & RG-59

Connectors

Single Packs or 10 per Carton

10 per Carton





Part# 7019

Phoenix Technology Group Website: www.phoenixtelevision.com.au e-mail: sales@ptv.com.au PH: 03 9553.3399 Fax: 03 9553.3393 All care is taken in the creation of this catalogue but specifications are subject to change without notice.

Part# 7015

PG-33 Installation Accessories





Satellite Receivers PG-34



hoenix

Technology Group





MPEG-2 vs MPEG-4

MPEG-2 is the current technology that has been used for the last 10 years. MPEG-4 is a new compression technology that allows either a higher quality image or more channels to be transmitted in the same bandwidth. Currently MPEG-4 decoders are far more expensive than the existing MPEG-2 models.

Progressively MPEG-4 Will replace the older MPEG-2 Technology

PG-35 Satellite Decoders





Satellite Decoders PG-36



Phoenix

Technology Group

Phoenix Technology Group Website: <u>www.phoenixtelevision.com.au</u> e-mail: <u>sales@ptv.com.au</u> PH: 03 9553.3399 Fax: 03 9553.3393 All care is taken in the creation of this catalogue but specifications are subject to change without notice..

Part# 1086R

Part# 1080

Phoenix

Part# 1082W

DVBS2 100HD Satellite Decoder



Features

High Definition MPEG-4 S2 Decoder Irdeto Embedded Card Reader USB PVR Ready Wireless LAN Connection You Tube Link 4000 Channel Memory HDMI Output Optical Digital Audio Output Component Video Output CVBS (RCA) Output

DVB-S & DVB-S2 Compliant Freq Range: 950MHz-2150MHz Symbol Rate: 2-45,000 MPEG-4: H.264 Video Format: PAL/NTSC Video Resolution: 576P SD,1080i HD DiSEqC 1.1/1.2 Software Upgradeable Via USB Input Voltage: 90-250V 50/60Hz Dimensions: 280x200x40mm

Specifications are subject to change without notice

The New Digital Satellite TV Service is Here!



ABC

9

Southern Cross Ten

HIÙH

With the existing analogue TV service being phased out many viewers may be unable to receive the new digital TV signal. The government has set up a new system to provide all of the channels received in the city via satellite to "Black Spot" area's and people travelling around Australia. The new system has no ongoing fees.

This new service comes from the same satellite (Optus C-1 156° East) as the current Optus Aurora service. Aurora is the old platform with analogue TV channels. If you are an existing Aurora customer there is no need to re-position your dish, just simply plug the new VAST decoder in and the new decoder will tune in the new service for you.

The VAST service requires a small 75cm Ku dish and a 10.7LNB, the access card comes supplied with each decoder.

A new easy registration process has been Implemented, now you have the option to either register online or via fax. The process is very quick with most connections now being completed within minutes. To confirm eligibility of you or your customers to the new service, simply go to the governments digital ready website and follow the link to MySwitch and enter your address. If you or your customer is an existing Aurora customer you simply enter your old card details online to register.

For more information on this new service or how we can assist you to grow sales of this new product contact our sales division.

PG-39 Satellite Receiver Kits



Part # 1080D



Pack Includes:

- 1x UEC DSD-4121 Vast Approved Satellite Receiver 1x Vast Irdeto Access Card
- **1x Paperwork for Service Activation included**



Vast us the new service for remote & black spot areas in Australia. This brings the Capital City digital TV channels via satellite to your home, subject to your geographical location. The vast service is also available for travellers moving around Australia.

Vast receiver now available as an option with all of our kits, please call for details.

Part # 1080

Vast Black Spot Self Install Kit Vast Premium Black Spot Self **Install Kit Pack Includes:** Pack Includes: 1x Vast VEC DSD-4121 Decoder 1x Vast VEC DSD-4121 Decoder 1x Vast Card 1x Vast Card 1x 75cm Dish 1x 85cm High Grade Dish 1x LNB 10.7 1x LNB 10.7 **1x Roof Mount 1x Roof Mount** 1x 25m & 2m Coaxial Cable 1x 25m & 2m Coaxial Cable **1x Sat Finder 1x Digi7 Sat Finder** 1x Compass **1x Compass 1x Detailed Alignment & Tuning Instructions 1x Detailed Alignment & Tuning Instructions** PTV.COM.AU V.COM.AU OM.AU FINCON PTV C M.AU M.AU WWW WWW WWW.PT V.COM.AU FINICOM.AU OM.AU M.AU WW NW

Phoenix Technology Group Website: <u>www.phoenixtelevision.com.au</u> e-mail: <u>sales@ptv.com.au</u> PH: 03 9553.3399 Fax: 03 9553.3393

All care is taken in the creation of this catalogue but specifications are subject to change without notice...

Part # 1080C

Foreign Language Kit

Pack Includes: 1x Star 2880D FTA Receiver 1x 75cm Dish 1x LNB 11.3 1x Gutter Mount 1x 25m Cable



Phoenix Technology Group Satellite Receiver Kits PG-40

Vast Traveler Kit

Pack Includes: 1x Vast VEC DSD-4121 Decoder 1x Vast Card 1x 75cm Removable Arm Dish 1x LNB 10.7 1x Adjustable Leg Sat Stand with Spirit Level 1x 10m Coaxial Cable 1x Sat Finder 1x Compass 1x Detailed Instructions



Fixed C-Band Kit

Pack Includes: 1x Star 2880D FTA Receiver 1x 2.3M Standard C-Band Dish 1x Star C-Band LNBF 1x 25m Cable pack with connectors



Part # 1041C

Vast Premium Traveler Kit

Pack Includes: 1x Vast VEC DSD-4121 Decoder 1x Vast Card 1x 75cm Removable Arm Dish 1x LNB 10.7 1x Adjustable Leg Sat Stand with Spirit Level 1x 10m Coaxial Cable 1x Digi7 Sat Finder 1x Military Compass 1x Detailed Instructions



Motorised C-Band Kit

Pack Includes: 1x Star 2880D FTA Receiver 1x 2.3M Standard C-Band Dish 1x Star C-Band LNBF 1x 18" Actuator 1x Phoenix V-Box 1x 25m Cable pack with connectors



PG-41 Ku Dishes







Part# 5565M

Part# 5535



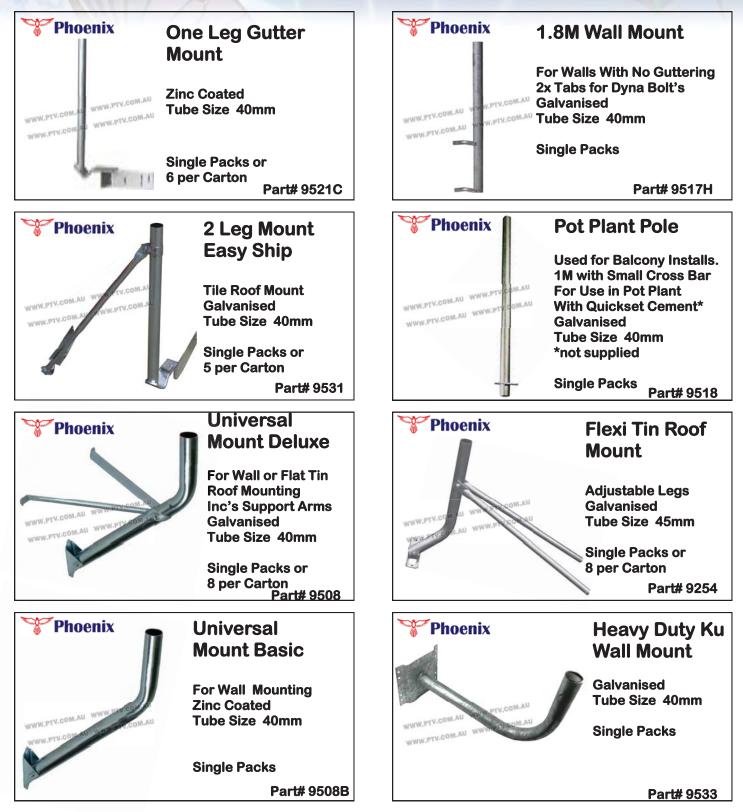






PG-43 Ku Roof Mounts



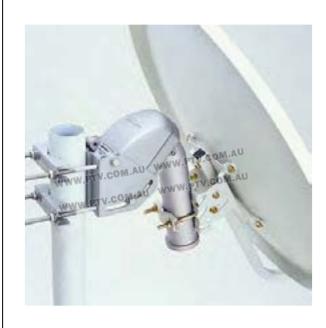


Need a mount made to your specification? We can manufacture it for you with quick turnaround from our production facility in Shanghai, China.



MC

Ku Motors PG-44

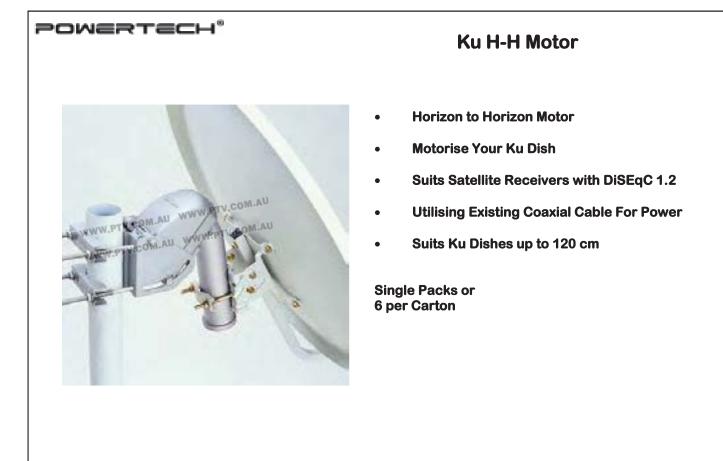


Ku H-H Motor

- Horizon to Horizon Motor
- Motorise Your Ku Dish
- Suits Satellite Receivers with DiSEqC 1.2
- Utilising Existing Coaxial Cable For Power
- Suits Ku Dishes up to 120 cm

Single Packs or 6 per Carton

Part# 6106



Part# 6108

PG-45 KU LNBS







LNBs & C-Band LNBF's PG-46

Satking High Performance 10.7 LNB



10700 Ku Offset Dual Polarity RF:11.75-12.75 GHz L.O. 10.7 GHz IF:950-2050 MHz Noise 0.5 dB

Single Packs or 100 per Carton

Part# 3012

Satking High Performance 11.3 LNB



11300 Ku Offset Dual Polarity RF:12.25-12.75 GHz L.O. 11.3 GHz IF:950-2050 MHz Noise 0.5 dB

Single Packs or 100 per Carton

Part# 3014



AC15-HU OCS LNBF

One Cable Solution RF: 3.7-4.2 GHz L.O. 5.150-5.750 GHz IF:950-1750 MHz Gain: 65dB Noise 15K

Single Packs or 100 per Carton

Part# 3101

<section-header><section-header><text><text><text><text>



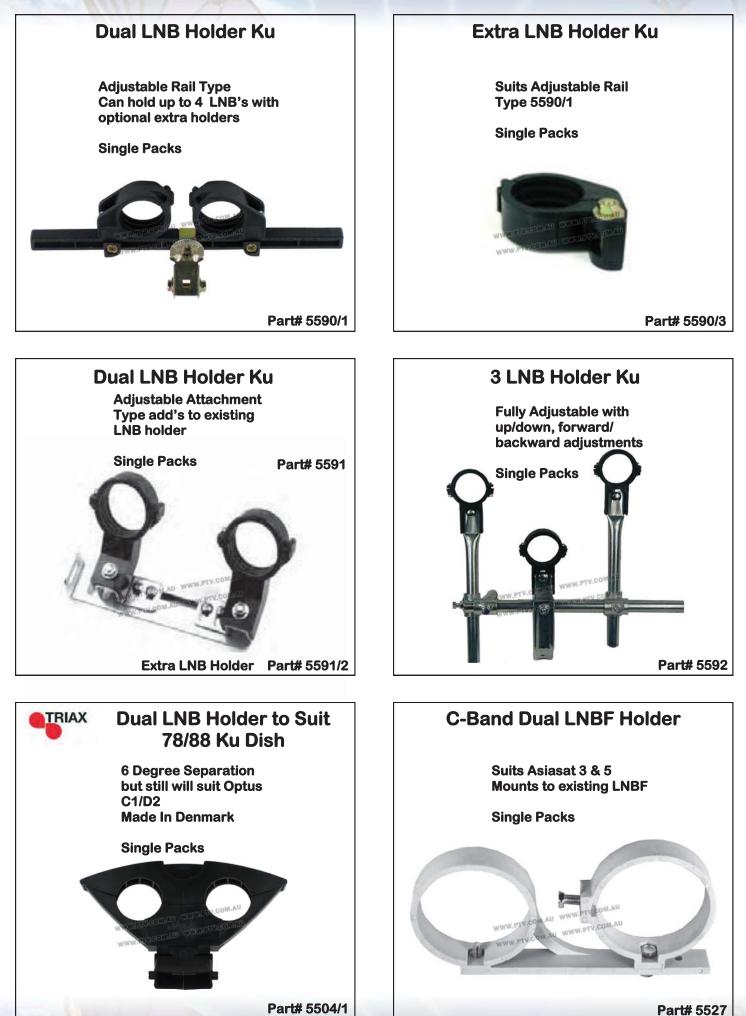
Part# 3018





PG-47 LNB Accessories





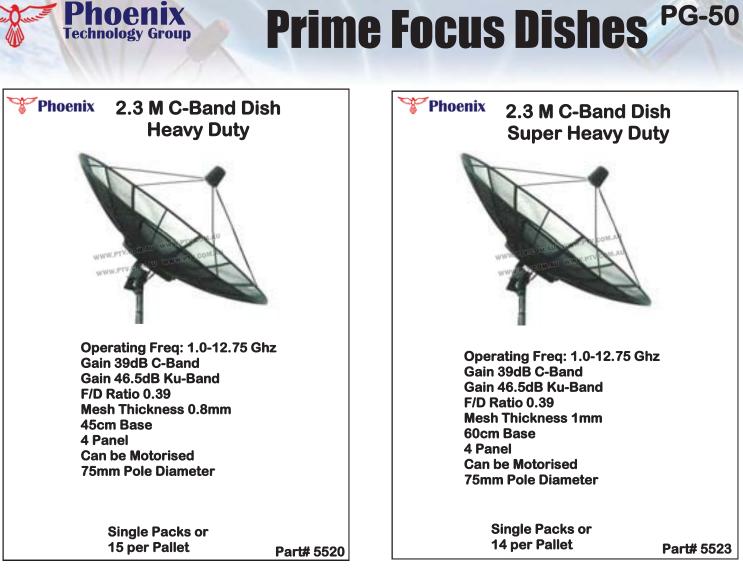
Phoenix C-BAND Mounts & Poles PG-48 Technology Group

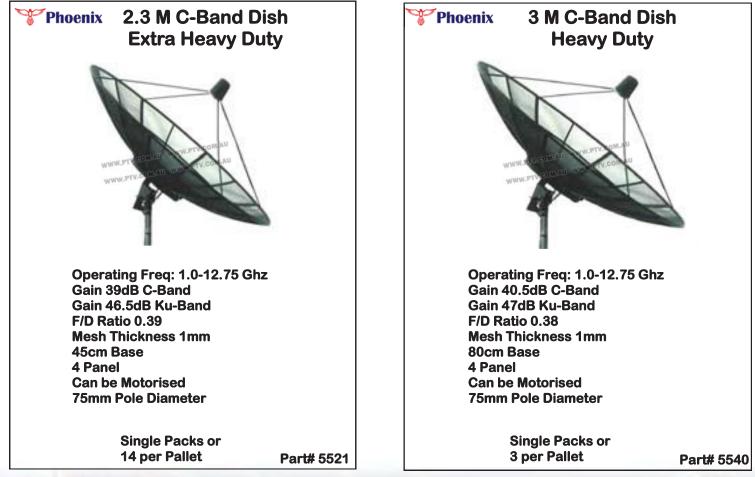


PG-49 Prime Focus Dishes









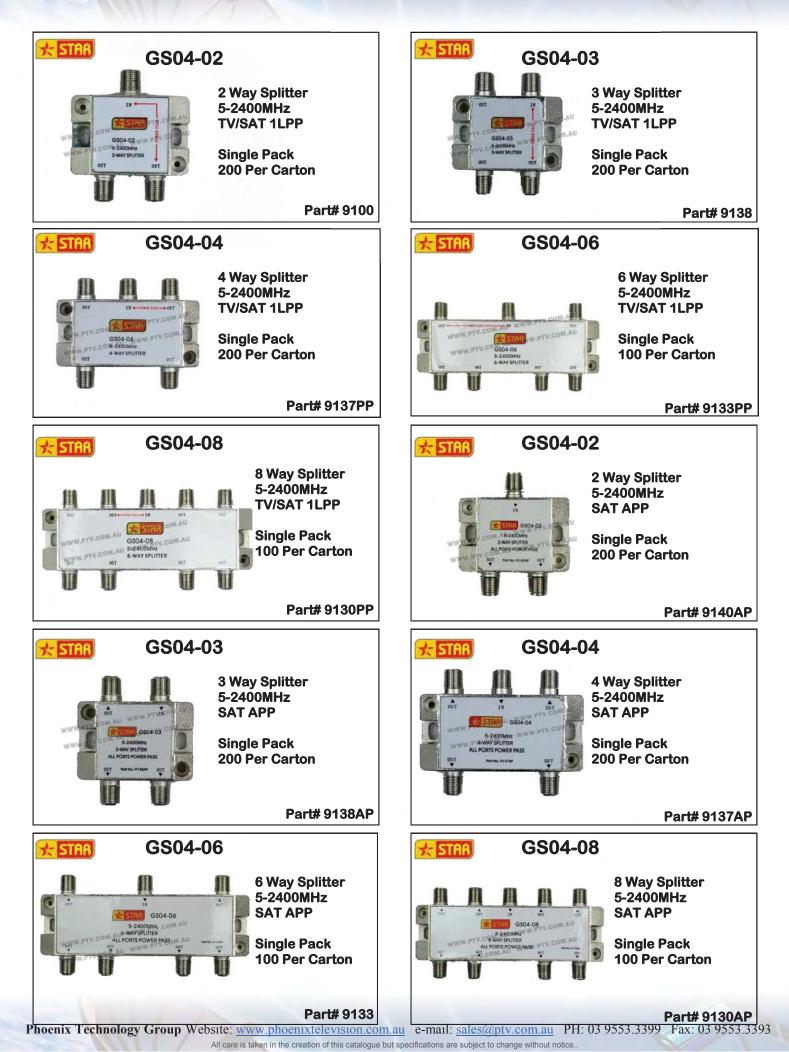
PG-51 Positioners & Actuators



Phoenix Technology Group

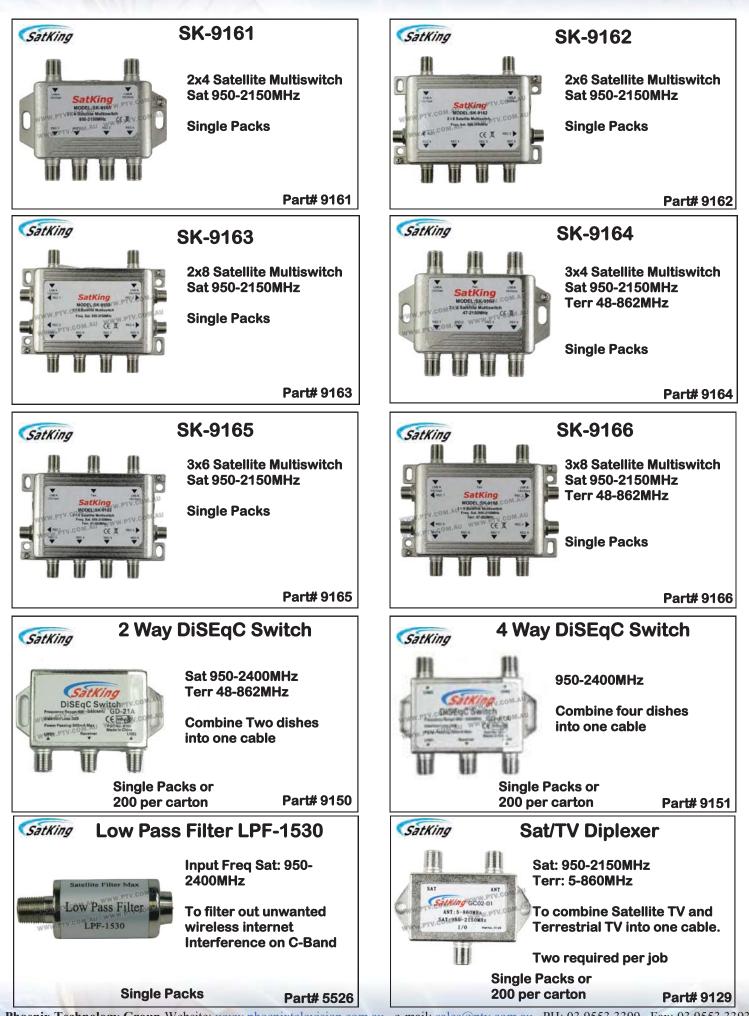


Sat Splitters PG-52



PG-53 Multiswitches









Includes Power Supply

Single Packs

MODEL SH98B

Satolike Multisw

950-2150MH

DISEQC 20

REC

€ (€ X

Multiswitches PG-54







 Part# 9173
 Part# 9172

 Phoenix Technology Group Website: www.phoenixtelevision.com.au
 e-mail: sales@ptv.com.au
 PH: 03 9553.3399
 Fax: 03 9553.3393

 All care is taken in the creation of this catalogue but specifications are subject to change without notice..
 PH: 03 9553.3399
 Fax: 03 9553.3393

PG-55 Cams & Cards



Part # 9700

Part # 1203







Phoenix

Part# 9614

SK-2000A DIGITAL TERRESTRIAL METER



Jus

5 Channel Mode lets you get quick reference to signal levels at your location

BER & SNR Display

WWW.FTV COM.AL. WWW.FTV COM.AL.

ANT Power OFF Fre: 97.300 Mile: 000,2 Miles Mathical Coll. AD Viewer Colling Unit Group Miles Deep Miles Coll. AD Viewer Colling Unit College Coll. AD Viewer Colling Unit College Coll. AD Viewer Coll

Use as a compact TV with live picture & sound



Features

Digital Tuner High Quality 3.5" LCD Colour Screen Strength & Quality Readout Bars Bit Error Rate Display Signal to Noise Ratio Display 5 Channel Signal Level Function Live Digital Picture & Sound, AV In & Out for Security Camera Alignment USB for Media Playback 5V Antenna Power Output

. . .

Fully DVB-T MPEG-2 Compliant Freq Range: 174MHz-820MHz Signal Level: -65dBm-25dBm Video Format: PAL/NTSC Guard Intervals: 1/4, 1/8, 1/16, 1/32 Software Upgradeable Via USB Inc's: 240V Charger, Case, 12V Cable Lithium Ion 3000mA Battery Size: 158x95x45mm

Specifications are subject to change without notice





Phoenix

Technology Group

PG-59 SAT Finders/Meters











combolook Color

Part# 9611CCS



Features

- Spectrum-analyzer 2-900MHz and 950-2150MHz
- · Presents full range and expanded spectrum
- Very high accuracy, CATV ±1dB, SAT-TV ±1½ = 20°C
- Super bright 5" 16:9 TFT-LCD color display
- DVB satellite-receiver 920-2150MHz
- Automatic Satellite identification
- Readout of NIT gives SAT ID and TV/ Radio-channel info
- Digital BER, GPSK and S/N-ratio

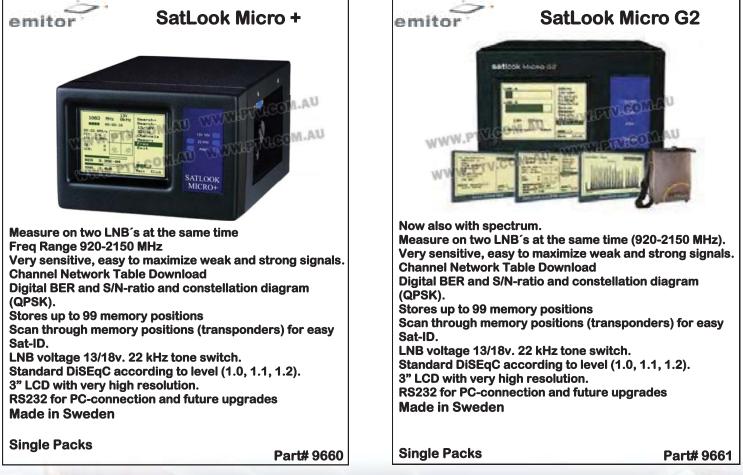
- DVB-S (Free to Air) and Analog TV-picture
- Aerial power output, D, B, 12, 18 and 24V
- LNB voltage 13/18V, 22KHz tone switch
- DiSEqC according to level 1.0, 1.1 and 1.2
- · Lots of memory positions for spectrum pictures
- RS232 for PC-connection (up/download)
- Rechargeable Li-lon battery
- Nice & small, only 4Kg complete with carrying case

emitor

PG-61 SAT Meters











Phoenix Technology Group

Measure DVB-S and DVB-S2 signals (920-2150MHz) Spectrum-analyser with zoom function EasyFind satellite identification for faster installations Super bright 3" LCD display Very sensitive, easy to maximize weak and strong signals Digital BER, MER Readout, QPSK (DVB-S), 8PSK (DVB-S2) and S/N-ratio Readout NIT -gives Satellite ID and TV/Radio-channel info X-pol. function for optimize LNB skew DiSEqC according to level 1.0, 1.1 and 1.2 LNB voltage 13/18V, 22KHz tone switch Stores up to 99 memory positions RS232 for PC-connection (up/download) Built in, rechargeable battery Nice & small, only 1,5Kg complete with carrying case Made in Sweden

Single Packs

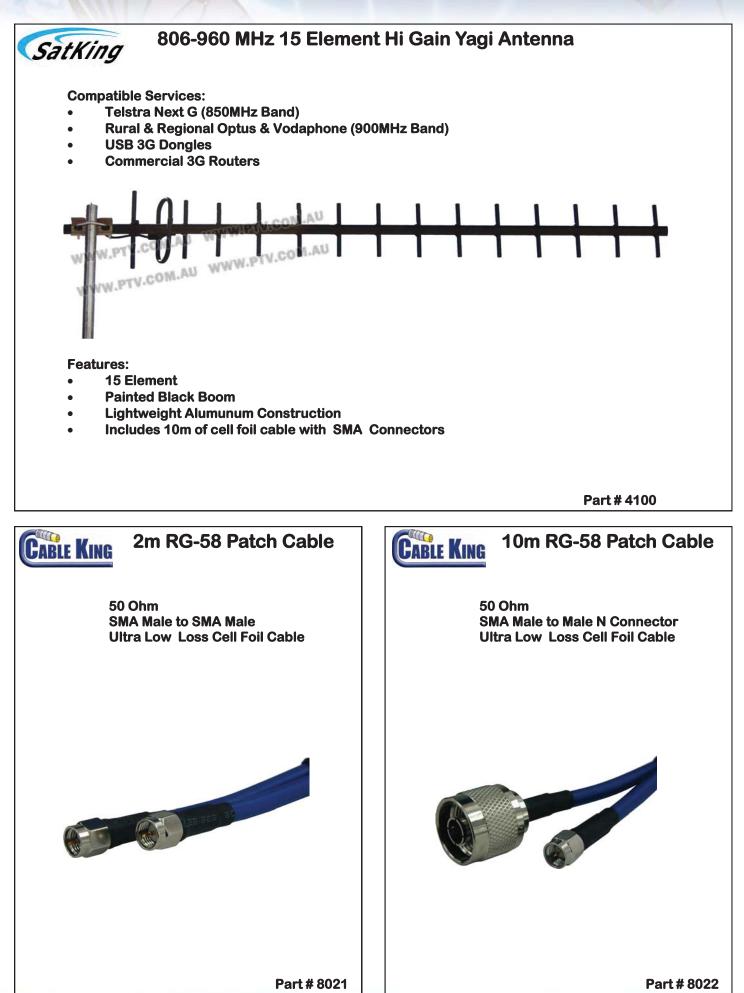
Part# 9662







PG-63 Wireless Internet





PG-65 Folding Solar Kits



SolarKing

Compact, Powerful and Lightweight

Compact in size, this unit folds up easily for simple storage and vehicle transportation. Lightweight with rolled edge metal frame. Both 80W and 120W available.

Convenient Bag with Carry Strap

This durable padded bad protects your solar panel during storage and transportation

Built in Solar Controller

Maintains your battery life in a fully charged state while protecting it from over charge and solar discharge

Fold Away Support Legs

Convenient support legs fold out to allow easy mounting on flat ground. The legs place the panels at an optimum angle for maximum performance

5 Meter Lead with Clips

Makes battery connection easy



80 Watt Folding Solar Kit

Max Power: 80W Max Power Voltage: 18V Max Power Current: 4.44A Open-Circuit Voltage: 21.6V Short-Circuit Current: 4.88A Solar Cell: Monocrystalline Folded Dimension: 600x540x75mm Weight: 8kg

Part# 6581



120 Watt Folding Solar Kit

Max Power: 120W Max Power Voltage: 18V Max Power Current: 6.67A Open-Circuit Voltage: 21.6V Short-Circuit Current: 7.2A Solar Cell: Monocrystalline Folded Dimension: 810x535x75mm Weight 13kg

Part# 6591





Phoenix Technology Group Website: www.phoenixtelevision.com.au e-mail: sales@ptv.com.au PH: 03 9553.3399 Fax: 03 9553.3393 All care is taken in the creation of this catalogue but specifications are subject to change without notice.

Part # 6668

Part # 6665

PG-67 Modified Sine Inverters



12 Volt To 240 Volt Inverter Modified Sine Wave with Multi Transformer Technology Minimum Input Voltage 10v Maximum Input Voltage 15v Built in Cooling Fan Dual 3 Pin 240 Volt Australian Mains type plugs Overload Indicator

Single Packs or 6 per Carton

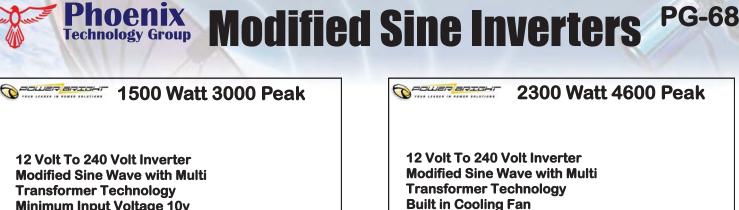


<text>

Part # 6620

Part # 6630

Phoenix Technology Group



Minimum Input Voltage 10v Maximum Input Voltage 15v Built in Cooling Fan Digital LED display of Voltage and Wattage Dual 3 Pin 240 Volt Australian Mains type plugs Overload Indicator





Modified Inverters vs Pure Sine Inverters

Minimum Input Voltage 10v

Maximum Input Voltage 15v

Overload Indicator

Single Packs or

2 per Carton

Remote Control to Save Draining Batteries Digital LED Display of Voltage and Wattage

Dual 3 Pin 240 Volt Australian Mains type plugs

Pure Sine Inverters suit sensitive electrical equipment such as laptop computers, switch mode power supplies and equipment with high start up load requirements such as power tools and fluorescent lighting.

Part # 6650

Modified Sine Wave Inverters suit products with low power requirements and items with a more constant power requirement candescent digital set top boxes and decoders. We recommend when selecting a modified sine wave inverter you select a model double the wattage of your actual requirements.

PG-69 Batteries







Solar Regulators PG-70 Solar King CMZ-20

SOLARKING CMP-12

10 Amp Output 12 Volt Output Automatic Boost Charge Over Temperature Protection Battery Level Indicator Charge Status Indicator Night Light Function



Single Packs/ 48 Per Carton

SOLARKING CMZ-30

30 Amp Output 12/24 Volt Output Automatic Boost Charge Over Temp Protection Detailed LCD Display Battery Level Indicator Charge Status Indicator



Single Packs/ 24 Per Carton

Part# 6503

SOLARKING CMZ-50

50 Amp Output 12/24 Volt Output Automatic Boost Charge Over Temp Protection Detailed LCD Display Battery Level Indicator Charge Status Indicator



Single Packs/ 24 Per Carton

Part# 6687

SOLARKING EPRC10MF

10 Amp Output 12/24 Volt Output Explosive Proof Automatic Boost Charge Over Temp Protection Battery Indicator Charge Status Indicator



For use in mining and petroleum Industries

Single Packs/ 10 Per Carton

Part# 6684

SOLARKING EPEP200D

20 Amp Output 12/24 Volt Output Dual Battery Function Remote LCD Display Automatic Boost Charge Over Temp Protection Detailed LCD Display Battery Level Indicator Charge Status Indicator



Single Packs/ 18 Per Carton Part# 6685 12/24 Volt Output Automatic Boost Charge Over Temp Protection Detailed LCD Display Battery Level Indicator Charge Status Indicator

20 Amp Output



Single Packs/ 30 Per Carton

Part# 6502

SOLARKING MPPT-20



Single Packs/ 10 Per Carton

Part# 6504

SOLARKING EPHC10W







Solar Regulators also known as Charge Controllers, convert the solar panels voltage down to be used with either 12 or 24 volt batteries. Solar regulators manage the charge levels of the batteries. For example if a battery is very low, a charge controller will apply a boost charge to charge the battery as quickly as possible. The controller will also stop charging the battery once the battery is full.

PG-71 Solar Panels



Shade Tolerant Heavy Duty Metal Frames Monocrystalline Silicon Cells 3mm Tempered Glass Fully Weatherproof Short Power Cable and Junction Box Included 25 Year Limited Warranty

5 Watt Panel		10 Watt Panel	
Max Power: Open Voltage (VOC): Short Current (ISC): Mpp Voltage (Vmpp): Mpp current (Impp); Maximum System Voltage: Dimensions:	5W 21.5V 0.35A 17.5V 0.29A 1000V 300x200x25	Max Power: Open Voltage (VOC): Short Current (ISC): Mpp Voltage (Vmpp): Mpp current (Impp); Maximum System Voltage: Dimensions:	10W 22.30V 0.60A 18V 0.56A 1000V 385x290x25
	Part # 6509		Part # 6510
10 Watt Panel		12 Watt Panel	
Max Power: Open Voltage (VOC): Short Current (ISC): Mpp Voltage (Vmpp): Mpp current (Impp); Maximum System Voltage: Dimensions:	10W 28.38V 0.48A 24V 0.42A 1000V 385x290x25	Max Power: Open Voltage (VOC): Short Current (ISC): Mpp Voltage (Vmpp): Mpp current (Impp); Maximum System Voltage: Dimensions:	12W 22V 0.78A 18V 0.67A 1000V 385x290x25
	Part # 6510S		Part # 6515
20 Watt Panel		20 Watt Panel	
Max Power: Open Voltage (VOC): Short Current (ISC): Mpp Voltage (Vmpp): Mpp current (Impp); Maximum System Voltage: Dimensions:	20W 22.10V 1.20A 18V 01.12A 1000V 645x295x25	Max Power: Open Voltage (VOC): Short Current (ISC): Mpp Voltage (Vmpp): Mpp current (Impp); Maximum System Voltage: Dimensions:	20W 29.03V 0.95A 24V 0.83A 1000V 645x295x25
	Part # 6520		Part # 6521



Phoenix **Technology Group**

Solar Panels PG-72

40 Watt Panel

		Max Power: Open Voltage (VOC): Short Current (ISC): Mpp Voltage (Vmpp): Mpp current (Impp); Maximum System Voltage: Dimensions:	40W 21.70V 2.40A 18V 2.23A 1000V 540x597x35
			Part # 6514
60 Watt Panel		80 Watt Panel	
Max Power: Open Voltage (VOC): Short Current (ISC): Mpp Voltage (Vmpp): Mpp current (Impp); Maximum System Voltage: Dimensions:	60W 21.57V 3.34A 18V 3.34A 1000V 835x540x35	Max Power: Open Voltage (VOC): Short Current (ISC): Mpp Voltage (Vmpp): Mpp current (Impp); Maximum System Voltage: Dimensions:	80W 21.6V 5.71A 17.2V 4.65A 1000V 1210x540x35
	Part # 6560		Part # 6580
120 Watt Panel		120 Watt Panel	
Max Power: Open Voltage (VOC): Short Current (ISC): Mpp Voltage (Vmpp): Mpp current (Impp); Maximum System Voltage: Dimensions:	120W 21.6V 7.72A 17.2V 6.98A 1000V 1500x660x35	Max Power: Open Voltage (VOC): Short Current (ISC): Mpp Voltage (Vmpp): Mpp current (Impp); Maximum System Voltage: Dimensions:	120W 21.6V 7.86A 17.50V 7.14A 1000V 1582x552x35
	Part # 6590		Part # 6590N
175 Watt Panel		190 Watt Panel	
Max Power: Open Voltage (VOC): Short Current (ISC): Mpp Voltage (Vmpp): Mpp current (Impp); Maximum System Voltage: Dimensions:	175W 43.2V 5.34A 36V 4.86A 1000V 1580x808x35	Max Power: Open Voltage (VOC): Short Current (ISC): Mpp Voltage (Vmpp): Mpp current (Impp); Maximum System Voltage: Dimensions:	190W 43.8V 5.83A 36.5V 5.20A 1000V 1580x808x45
	Part # 6592		Part # 6597

Digital TV Freq Guide

Phoenix Technology Group

		Centre	Vision	Audio
band	channel	Freq.	Carrier MHz	Carrier MHz
	6	177.5	175.25	180.75
	7	184.5	182.25	187.75
	8	191.5	189.25	194.75
	9	198.5	196.25	201.75
	9A	205.5	203.25	208.75
	10	212.5	210.25	214.75
	11 12	219.5 226.5	217.25 224.25	221.75 228.75
iv iv	21	480.5	478.25	483.75
iv	22	487.5	485.25	490.75
iv	23	494.5	492.25	497.75
iv	24	501.5	499.25	504.75
IV	25	508.5	506.25	511.75
IV	26	515.5	513.25	518.75
IV	27	522.5	520.25	525.75
IV	28	529.5	527.25	532.75
IV	29	536.5	534.25	539.75
IV	30	543.5	541.25	546.75
IV	31	550.5	548.25	553.75
	32	557.5	555.25	560.75
	33	564.5	562.25	567.75
	34 35	571.5 578.5	569.25 576.25	574.75 581.75
V V	36	576.5 585.5	576.25	588.75
v	37	592.5	590.25	595.75
v	38	599.5	597.25	602.75
v	39	606.5	604.25	609.75
v	40	613.5	611.25	616.75
V	41	620.5	618.25	623.75
V	42	627.5	625.25	630.75
V	43	634.5	632.25	637.75
V	44	641.5	639.25	644.75
V	45	648.5	646.25	651.75
V	46	655.5	653.25	658.75
V V	47	662.5 660 5	660.25	665.75
v	48 49	669.5 676.5	667.25 674.25	672.75 679.75
v	49 50	683.5	681.25	686.75
v	50	690.5	688.25	693.75
v	52	697.5	695.25	700.75
v	53	704.5	702.25	707.75
V	54	711.5	709.25	714.75
V	55	718.5	716.25	721.75
V	56	725.5	723.25	728.75
V	57	732.5	730.25	735.25
V	58	739.5	737.25	742.75
	59	746.5	744.25	749.75
V	60	753.5	751.25	756.75
	61	760.5 767 5	758.25	763.75
V V	62 63	767.5 774.5	765.25 772.25	770.75
v	64	774.5 781.5	779.25	784.75
v	65	788.5	786.25	791.75
v	66	795.5	793.25	798.75
v	67	802.5	800.25	805.75
v	68	809.5	807.25	812.75
v	69	816.5	814.25	819.75

Ku Transponder List PG-74

Satellite	Position	Provider	Freq Pol	Symbol	Video Modulation
Satemite	1 05111011	TTOVIDET	Freq I of	Symbol	
NSS 6	95°E	RR Sat	12736 V	3333	MPEG-2
Asiasat 4	122°E	Pacific Media	12415 V	43200	MPEG-4
		S-21 Network	12415 V	43200	MPEG-4
		Konnectv	12360 V	9404	MPEG-4
		Connectv	12415 V	43200	MPEG-4
Optus D-2	152°E	Globecast	12519 V	22500	MPEG-2
			12546 V	22500	MPEG-2
			12644 V	22500	MPEG-2
			12706 V	22500 22500	MPEG-2
			12734 V	22500	MPEG-2
		UBI	12394 H	22500	MPEG-2
			12425 H	22500	MPEG-2
			12581 H	22500	MPEG-2
			12608 H	22500	MPEG-2
			12644 H	22500	MPEG-2
			12671 H	22500	MPEG-2
			12706 H	22500	MPEG-2
Optus D-3	156°E	Foxtel/Austar	12305 H	30000	MPEG-2/MPEG-4
Optus C-1	156°E	Optus Aurora	12407 V	30000	MPEG-2
-		*	12527 V	30000	MPEG-2
			12728 V	30000	MPEG-2
		VAST	12369 V	30000	MPEG-2/MPEG-4
			12487 V	30000	MPEG-2/MPEG-4
			12447 V	30000	MPEG-2/MPEG-4
			12567 V	30000	MPEG-2/MPEG-4
			12607 V	30000	MPEG-2/MPEG-4
			12647 V	30000	MPEG-2/MPEG-4
Optus D-1	160°E	ABC/SBS	12391 H	12600	MPEG-2/MPEG-4
			12407 H	12600	MPEG-2/MPEG-4
			12451 H	12600	MPEG-2/MPEG-4
			12464 H	12600	MPEG-2/MPEG-4
			12487 H	12600	MPEG-2/MPEG-4
			12514 H	12600	MPEG-2/MPEG-4
			12550 H	12600	MPEG-2/MPEG-4
			12557 Н 12613 Н	12600 12600	MPEG-2/MPEG-4
			12613 H 12648 V	12600	MPEG-2/MPEG-4 MPEG-2/MPEG-4
			12648 V 12658 H	12600	MPEG-2/MPEG-4 MPEG-2/MPEG-4
			12030 11	12000	WII EO-2/WII EO-4
Intelsat 8	166°E	UBI	12286 H	28800	MPEG-2
		MySat	12646 H	28066	MPEG-2
		ABS/CBN	12575 H	13845	MPEG-2
		Pan Global	12726 H	28066	MPEG-2
		Jade World	12686 H	28124	MPEG-2
Intelsat 18	180°E	LBF	11155 V	28589	MPEG-2 / MEPG-4

When scanning set Network Search (NIT) to "on"

Phoenix Technology Group

Frequencies and technical parameters are subject to regular change consult www.lyngsat.com for latest details

PG-75	Notes			Phoenix Technology Gro
_				
-				
_				
-				
_				
_				
-				
_				
-				
-				
_		 		
_		 	 	



Home Entertainment Products

SatKing is building a reputation in the industry for cutting edge high quality products. SatKing has a focus on continuous product development and working closely with our distribution partners to achieve our company goals.

SatKing also specialises in both OEM & ODM for many companies within Australia and New Zealand in the Pay TV and Satellite TV industries. Our range of retail ready Terrestrial TV and Home Theatre products will also continue to grow throughout 2012.

Come visit the new **www.satking.com.au** webpage for a full list of products and tutorials on our products as well as the latest software downloads.

Home Entertainment Products	rutorials dealers news contact us
Latest Products Releases • DVBS2-100HD Satellite TV Decoder • GC-IR01 Weeless Remote Extender • SK-300 Caravan Antenna • DM-1CH Digital Modulator • 19.7 HQ Dual Output LNB	SK_2000A Digital TV Meder, Compact Handrid Distri WWW.PTV.CON.AU WWW.PTV.CON.AU
	Welcome to SatKing Australia!
	SatKing specialise in the Manufacture of a large range of products suitable for both the Pay TV and Audio Visual markets within Australia & New Zealand. Our Commercial range includes Satellite Dishes, LNB's, Terrestrial TV Antennas, Satellite Dish's and TV Antenna Mounting Brackets, Alignment Tools and components. SatKing also has a growing range of Home Entertainment products.

TV Antennas For All Areas of Australia

COM.AU WWW.PT

OM.AU WWW.PTV.COM.AU

Heavy Duty Aluminium Elements
 F-Type Digital Ready Baluns
 Heavy Duty Rivets
 UV Stabilised Plastic Insulators
 Made For Harsh Australian Conditions

