CG ANTENNA

CG Antenna builds radio communication equipment. Not only for professional users but also for worldwide ham radio operators.

Our strong research and development allows us to design great product. Our powerful production makes CG products are affordable to everyone.

PK-4 Auto CW Pocket Keyer

- Extremely small auto memory keyer, weight only 200 grams
- Adjustable keying speed between 8 to 50 WPM
- 4 non-volatile memory channels
- Auto repeat play function
- Ultra low power consumption

PW-100 DC Power Distributor

- 4 ways DC outlet
- Each outlet has 30A(12V) fuse protection
- Heavy stamped copper plate inside, solid and reliable
- Supply 2 pairs banana plugs, 2 pairs ring terminal solder plugs and 1 spare fuse

QRP series BALUN

Very compact size and light weight.
Input power is support up to 100W PEP
Low insert loss.

BL-01 1:1 BALUN
1:1 balun, typically for a dipole antenna.

BL-04 1:4 BALUN
1:4 balun, typically for a G5RV

BL-09 1:9 UNUN
It is MTFT style impedance transformer with a transmission ratio of 1:9. BL09 significantly reduce the SWR. So your normal indoor tuner could tune a short antenna.

PTT Foot Switch

FS01 light duty PTT foot switch
Use foot switch to control PTT. Combined with headset, you could free your both hands to log QSO or control your transceiver.
FS01 PTT foot switch is very light and compact. Constructed by metal case, it is easy to travel around world. It has 2 meters cable with 6.3mm jack.

FS02 heavy duty PTT foot switch
Use foot switch to control PTT. Combined with headset, you could free your both hands to log QSO or control your transceiver.
FS02 PTT foot switch is built in a solid metal case. Bigger surface makes your foot feel more comfortable when step on it.
It has 2 meters cable with 6.3mm jack.
There are 3 mounting holes. So you could fix on the wood plate or on the floor.

CG-3000 Automatic Antenna Tuner

CG series automatic antenna tuner (ATU) can cover whole HF bands from 1.8 to 30 MHz. They are independent to any radio transmitters. It detects RF frequency, VSWR and other information from RF signal. So it can work with any radio transmitter without any special data connection. The multi signal processing circuit switches the inductance and capacitance to make perfect matching between your radio and antenna system. Fast tuning with non-volatile memory. The solid waterproof case works on the most extreme environments. The mounting kit is built by stainless metal to ensure no rust.

Tunable frequency:	1.8 - 30 Mhz with long wire antenna from 8 meters
Input impendence:	45-55 ohms
Input power:	10 - 200W PEP
SWR:	<2:1
Power supply voltage:	12V +/- 10%
Current consumption:	<0.8A
Auto tuning time:	Approx. 2 seconds (first time tuning)Less than 1 second (return to memory frequency)
memory channel:	200
Weight:	1.8 KG
Size:	310mm X 240mm X 72mm (L - W - H)

SB-2000 MK2 USB Radio Interface

• Connect your transceiver to the computer via USB port. No need serial or parallel port.
Most of Radio programs are built based on COM serial port of PC computer. But the latest PC computers don't have a serial port.

• CAT, CI/V controller and audio transformer are combined together.
No sophisticate software setting. Very clearly operate from reachable setting on the control panel. It supports CAT with RS232 protocol. So it's compatible with the most latest transceivers.

• Complete isolation between computer and radio station.
1. Optical isolation used for digital signal.
2. Audio signal isolated 1:1 transformer. It has internal static isolation. Excellent EMC(Electromagnetic compatibility)

• Operated by computer USB power. No need extra power.
When you are in your expedition or mobile, you will not have extra power headache with SB-2000. It uses the power from your computer's USB port.

• Very compact size, easy to carry.
Weight less than 400 grams. Pocket size only.

• Supply with full accessories.
It comes with USB, CAT or CI/V, Data and audio cables.

GW-1000 APRS TOTAL SOLUTION

This stand-alone unit is all-in-one solution fou APRS operation. It supports iGate, Digiperater, Weather station, Telemetry, KISS. The most quickest and easiest way to implement the APRS.

iGat
Relay the APRS data from radio network to the APRS-IS network. Receiving the APRS-IS messages and forward to radio network.
GW-1000 has one Ethernet port to connect to Internet via your router.

Digipeater
Digital repeating the APRS data frame to expand APRS coverage.

Weather station
Support native weather station or third party weather station by Peet Bros data format.

Telemetry
By connecting to the extended telemetry module, you can monitor remote status.

KISS
Any packet program supports KISS protocol can use it via Bluetooth connection.