GSM Audio Intercom Door Bell

Caution!

Please read this manual carefully before installing the GSM, basic electronic knowledge is required.

Product Details

The APC Phonic 4 is a powerful remote controller with intercom which can be used for controlling gates, authorized door access, switching on/off remote equipment, etc. This device can be used remotely with 4G mobile communications system, which allows for two-way interaction and faster unlocking with a call or text message from your mobile phone.

Features

- Can be operated from anywhere with no limits on distance.
- Supports two-way interaction.
- Can be used for multiple applications such as gates, access doors, shutters, etc
- Most secure system as it has caller ID identification and allows for two-way interaction between residents and visitors.
- No need to provide keys or remote controls to different users.
- All settings are performed by SMS commands.
- Up to 3 authorized phone numbers for providing access control / call can be stored on the device.
- SMS confirmation is provided to the owner or authorized users regarding the status of the commands given.
- Can add or remove users by SMS commands.
- The unlock time, mic volume and speaker volume is programmable.

Specifications

Working Voltage	12-15VDC
Working Current	~130mA
Standby Current	~45mA
Working Temperature	-20~-65C
Dimensions	L13.6cm*B7.8cm*H4.5cm

- Gate Opener Unit
- Antenna
- Back Hood
- Screws and Tool
- User Manual

Safety Directions ⚠️

Interference
All wireless equipment might interfere with the network signals of the Gate Opener and influence its performance.

Avoid use at Fuel Station
Do not use APC Phonic4 at a fuel station.

DO NOT USE at Blasting Sites
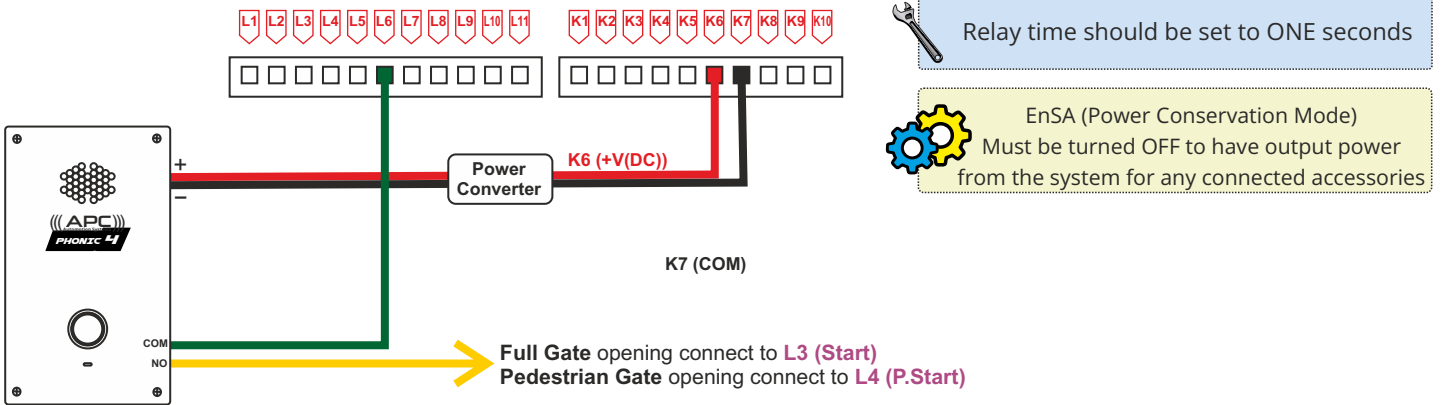Please follow relevant restrictive regulations. Avoid using the device in blasting sites.
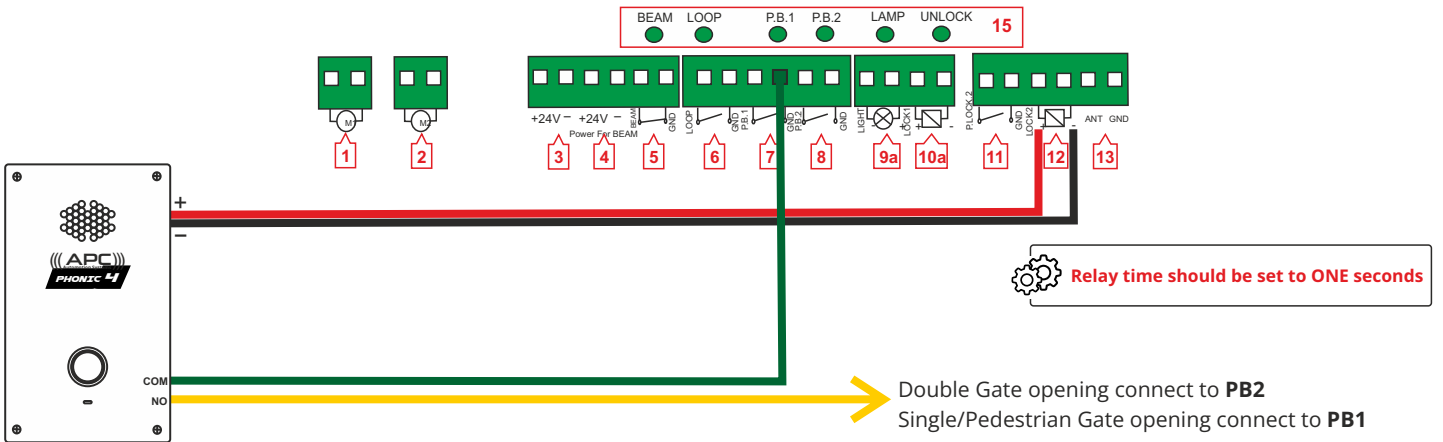
Reasonable Use
Please install the product in a suitable location as described in the product documentation.
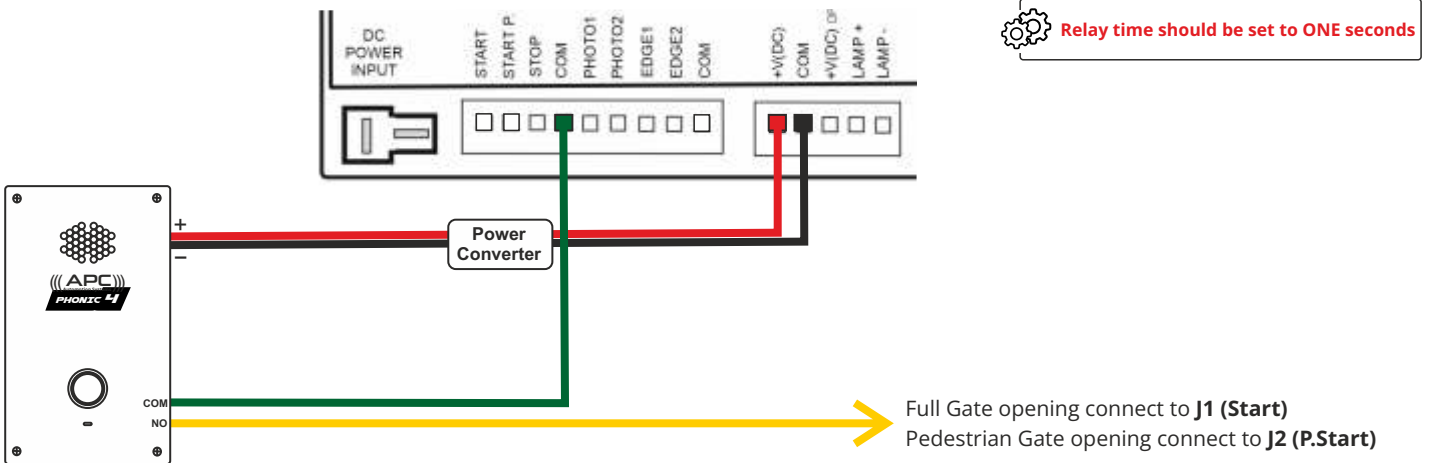
Typical Wiring Connections

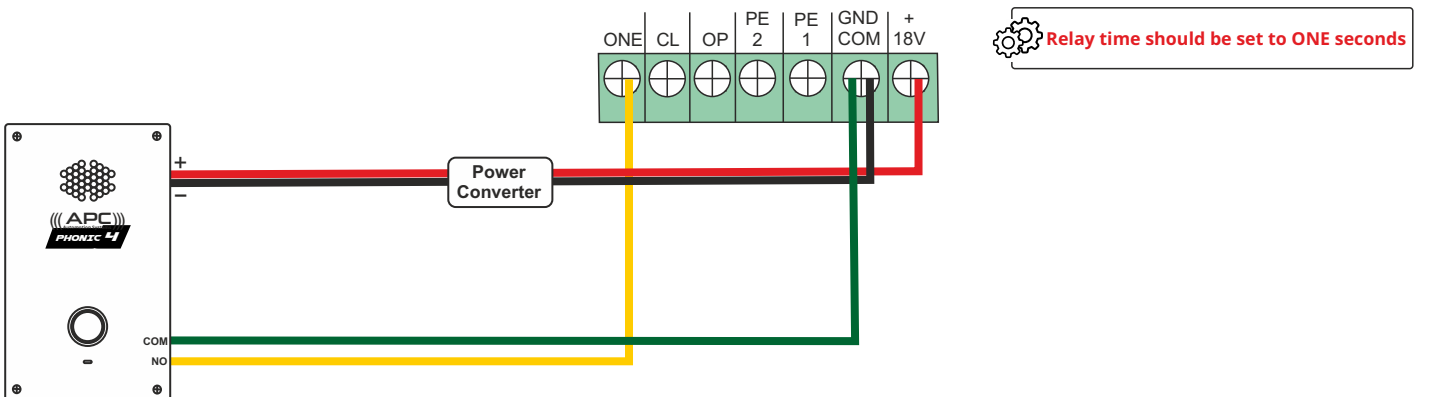### • APC-LOGICO 24 • APC-LOGICO 24 Proteous Series Swing Gate System

L1 L2 L3 L4 L5 L6 L7 L8 L9 L10 L11   K1 K2 K3 K4 K5 K6 K7 K8 K9 K10

Relay time should be set to ONE seconds

EnSA (Power Conservation Mode)
Must be turned OFF to have output power
from the system for any connected accessories

Power Converter

K6 (+V(DC))

K7 (COM)

COM
NO

Full Gate opening connect to **L3 (Start)**
Pedestrian Gate opening connect to **L4 (P.Start)**

• APC-CBSW12 • APC-CBSW24 Swing Gate System

BEAM   LOOP   P.B.1   P.B.2   LAMP   UNLOCK   **15**

M   M
1   2

+24V − +24V − BEAM GND LOOP GND GND PB.2 GND LIGHT LOCK1 PLOCK 2 GND LOCK2 ANT GND
Power For BEAM   PB.1
3   4   5   6   7   8   9a   10a   11   12   13

Relay time should be set to ONE seconds

+
−

COM
NO

Double Gate opening connect to **PB2**
Single/Pedestrian Gate opening connect to **PB1**

• APC-P450 Proteous 450 *Sprint* • APC-P500 Proteous 500

DC POWER INPUT   START START P. STOP COM PHOTO1 PHOTO2 EDGE1 EDGE2 COM   +V(DC) COM +V(DC) OF LAMP + LAMP −

Relay time should be set to ONE seconds

Power Converter

+
−

COM
NO

Full Gate opening connect to **J1 (Start)**
Pedestrian Gate opening connect to **J2 (P.Start)**

• APC-SG802-AC Typhoon •APC-SG1600-AC Tsunami •APC-SG3000-AC Tornado

ONE CL OP PE 2 PE 1 GND COM + 18V

Relay time should be set to ONE seconds

Power Converter

+
−

COM
NO

Connection to Electric Striker (Fail Safe Type)

Power Supply

Negative	Positive
Black	Red

+
–

COM
NO

⚙ Relay time should be set to the nominated unlocking time
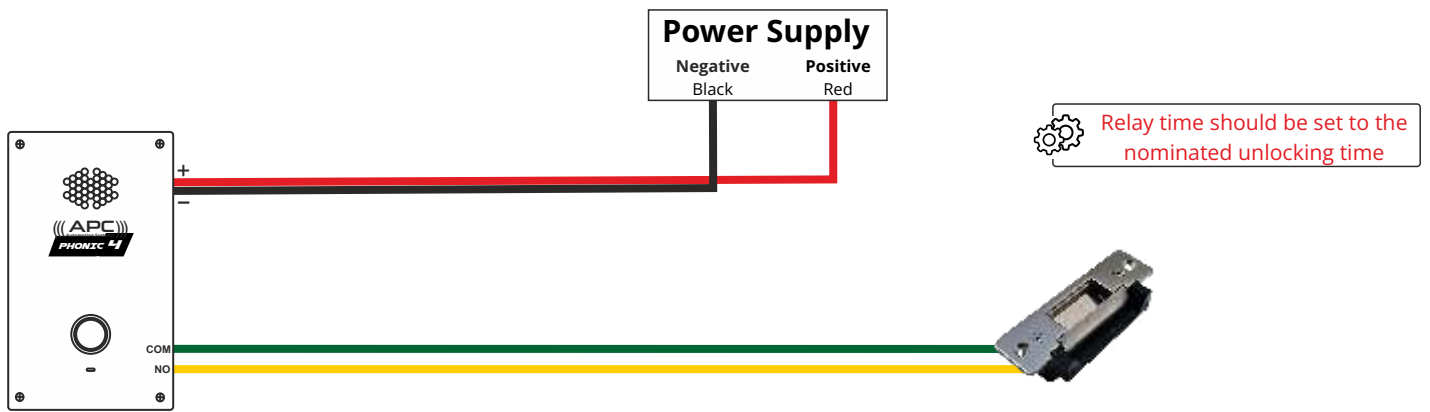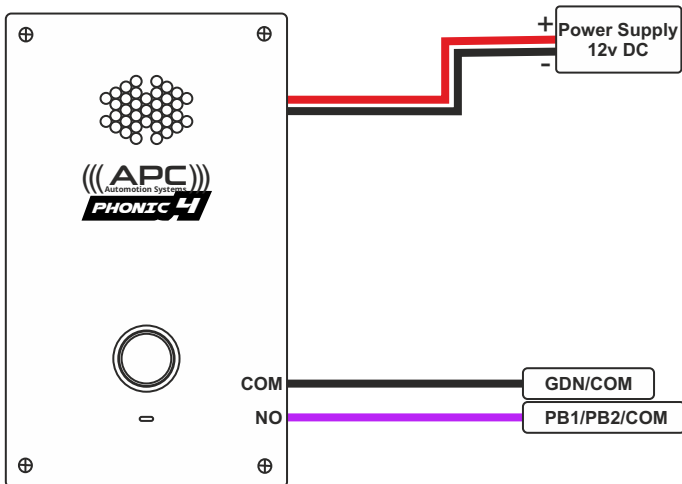
Note: Power supply voltage must be suitable according to the electric strikers voltage and amperage requirements and must be within the keyapds working parameter of 12V.

Connection to PS-L3S Lock Control System

⚙ Relay time should be set to ONE seconds
*Time is set on the PS-L3S

Control -
Control +
PUSH
GND
12V
- COM
+NC
+NO

PUSH Blue
GND Black
12V Red
-COM Electric Striker/Magnetic Lock Negative
+NC Electric Striker (FAIL SAFE)/Magnetic Lock Positive
+NO Electric Striker (FAIL SECURE)

–
+

COM
NO
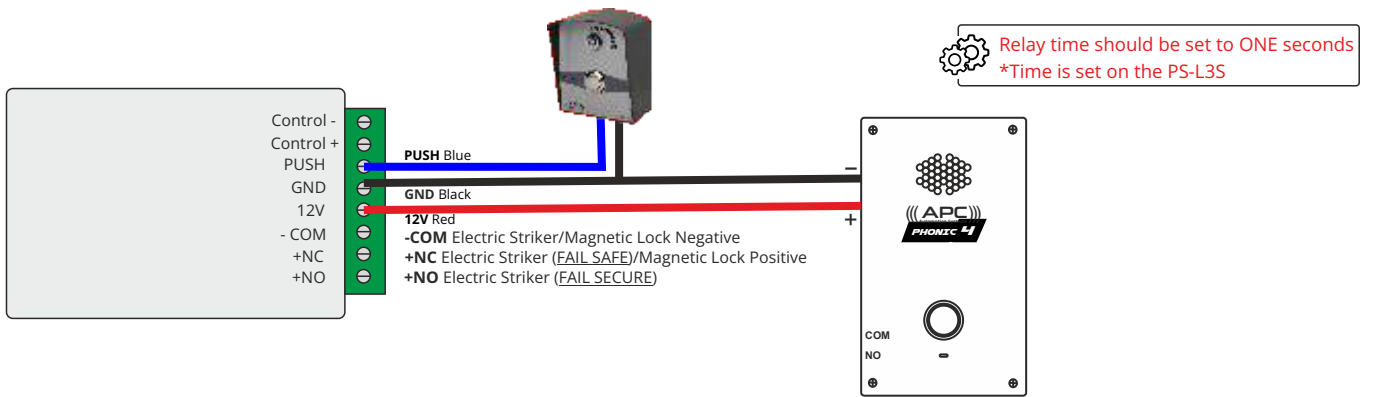
Gate Automation Systems

+
–
Power Supply 12v DC

COM → GDN/COM
NO → PB1/PB2/COM

Note: Power supply voltage must be 12-15V DC. Gate system accessories output can power the device in most situations with/without a power converter (24v to 12v power convertor available from Automotion Plus).

Electric Striker
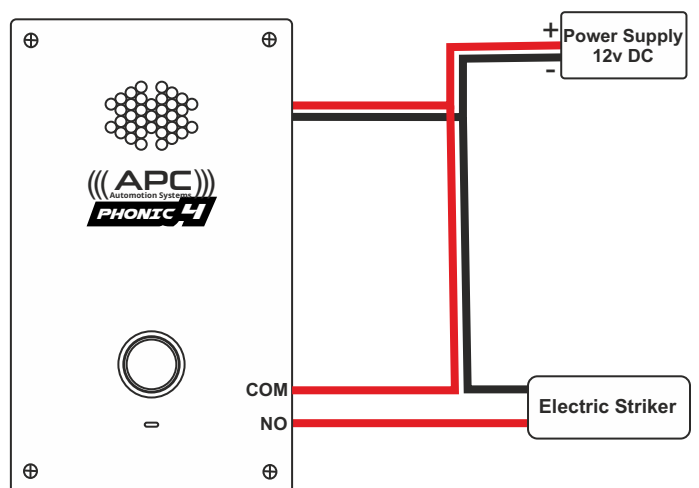
+
–
Power Supply 12v DC

COM
NO

Electric Striker

Note: Power supply voltage must be 12-15V DC. Gate system accessories output can power the device in most situations with/without a power converter.

Installations and Command Settings

Installation: Open the back cover and insert your preactivated SIM Card.
Connect the power and the unit will start searching the network signal for 35seconds. If the signal is weak, the signal will search for a longer time. If the signal couldn't be picked up under 1 minute, then the system will search for one signal each minute, until there is a successful connection.

Hardware Factory Reset: Press and hold the S1 button for over 5 seconds, the device will restart, and it will restore to factory administrator password.
Note: This operation will reset the administrator password to default 1234 and the other parameters will be changed.

Note: Maximum storage of four phone numbers on the device (1 administrator + 3 users phone numbers)

SMS Commands for System Setup

1. Set admin phone number:
   1234#00*#334455 (1234 is the default admin password)
   Operation success reply message: Set manager success!

2. Modify admin password:
   1234#PWD#9898# (9898 is the new admin password)
   Operation success reply message: OK!

3. Set user phone number 1:
   1234#01*#XXXXXXXXXX (XXXXXXXXXX is the user phone number 1)
   Operation success reply message: Set first number success!
   Note: Only admin can add user phone numbers.

4. Set user phone number 2:
   1234#02*#XXXXXXXXXX (XXXXXXXXXX is the user phone number 2)
   Operation success reply message: Set second number success!
   Note: Only admin can add user phone numbers.

5. Set user phone number 3:
   1234#03*#XXXXXXXXXX (XXXXXXXXXX is the user phone number 3)
   Operation success reply message: Set third number success!
   Note: Only admin can add user phone numbers.

6. Unlock operation:
   1234#04*#
   Operation success reply message: OK!

7. Check Signal Strength:
   1234#08*#
   Operation success reply message will be about the signal strength between the range 1-31 (The bigger the number, the better the signal)

8. Set unlock time:
   1234#09*#TT (TT is the two numbers for time(s) between 01-99)
   Operation success reply message: Set the lock delay success!
   Note: Only admin can set the unlock time.

9. Set Mic Volume:
   1234#MIC#A# (A is the Mic volume level between 1-8)
   Operation success reply message: OK!
   Note: Only admin can set the volume of the mic. The minimum volume level (1) is not mute.

10. Set Speaker Volume:
    1234#SP#A# (A is the Speaker volume level between 1-5)
    Operation success reply message: OK!
    Note: Only admin can set the volume of the speaker. The minimum volume level (1) is not mute.

11. Reset to default settings:
    1234#REST#
    Operation success reply message: OK!
    Note: Only admin can reset to factory settings.

12. Change Ring Time for Phonic 4
    1234#RING#25#
    Note: Only admin can adjust call time.

13. Change Voicemail Ring Time for Telecom Carriers
    61*32130# (Optus)
    61101**30# (Telstra)
    **61*121*11*30# (Vodafone)
    Note: Dial above code on your phone and press call.

NOTICE: Reply message for WRONG operation
   1. Admin password: Wrong password!
   2. Invalid SMS: Invalid message!
   3. No permission SMS: Do not have permission!

Calling Operation

1. Calling: Press the doorbell button and the device will call the resident phone number, if no answer in 30seconds it will call the next number automatically in a sequential order. If the user phone numbers are not set, a call error prompt will be heard.
The sequential order: admin phone number-> 1st user -> 2nd user -> 3rd user.

2. To be called: The phone numbers saved on the device will unlock automatically. If not saved, the device will hang up the call automatically.

3. Unlock: While talking press * button to unlock.

Note: Maximum talking time is one minute.

Important information

1. Please read the User Manual carefully before you install and control the device.
2. Have a secure connection to the main power supply.

Maintenance

1. In case of failure, please contact Automotion Plus.

2. If the APC Phonic4 is not able to contact the cell phone and the signal indicator is not on, make sure the antenna is properly connected, and it doesn't have any metal shielding.

3. If the APC Phonic4 is not able to contact the cell phone and the call key has a key sound, confirm whether the SIM card is pre-activated and that is inserted in properly.

4. If the device works but fails to respond to SMS texts, switch the power off and on again after one minute then allow a few minutes to initialize then test again. Also check if the settings are correct and the signal strength is in the acceptable range.

Warranty

1. The device is warranted to be free of detects in material and workmanship for one year from the date of purchase.
2. This warranty does not extend to any defect, malfunction or failure caused by abuse or misuse.

(((APC)))®
Automotion Systems

APC WARRANTY
APC warrants the original purchasers or the APC system for a period of twelve months from the date of purchase (not installation), the product shall be free of defects in materials and workmanship under normal use.
During the warranty period, APC shall, as its option, repair or replace any defective product upon return of the product to its factory, at no charge for labour and materials.

Any replacement and/or repaired parts are warranted for the remainder of the original warranty, The original owner must promptly notify APC in writing that there is defect in material or workmanship, such written notice must be received in all events prior to expiration of the warranty.

International Warranty
APC shall not be responsible for any freight fees, taxes or customs fees.

Warranty Procedure
To obtain service under this warranty, AND AFTER CONTACTING APC, please return the item(s) in question to the point of purchase.

All authorized distributors and dealers have a warranty program, anyone returning goods to APC must first obtain an authorization number. APC will not accept any shipment for which prior authorization has not been used.

Conditions to Void Warranty
This warranty applies only to defects in pairs and workmanship relating to normal use. It does not cover:
- Damage incurred in shipping or handling
- Damage caused by disaster such as fire, flood, wind, earthquake or lightning
- Damage due to causes beyond the control of APC such as excessive voltage, mechanical shock or water damage
- Damage caused by unauthorized attachment, alterations, modifications, or foreign objects.
- Damage caused by peripherals (unless such peripherals were supplied by APC)
- Defects caused by failure to provide a suitable installation environment for the products
- Damage caused by usage of the products for purpose other than those for which it was designed.
- Damage from improper maintenance
- Damage arising out of any other abuse, mishandling, and improper application of the products.

Under no circumstances shall APC be liable for any special, incidental, or consequential damages based upon breach of warranty, breach of contract, negligence, strict liability, or any other legal theory. Such damages include, loss of profits, loss of the product or any associated equipment, cost of capital, cost of substitute or replacement equipment, facilities or services, down time, purchaser's time, the claims of third parties, including customers, and injury to property.

Disclaimer of Warranties
This warranty contains the entire warranty and shall be in lieu of any and all other warranties, whether expressed or implied (including all implied warranties of merchantability or fitness for a particular purpose). And of all other obligations or purporting to act on its behalf to modify or to change this warranty, nor to assume for it any other warranty or liability concerning this product.

Out of Warranty Repairs
APC will at its option repair or replace out-of-warranty products which are returned to its factory according to the following conditions. Anyone returning goods to APC must first obtain an authorization number.

APC will not accept any shipment whatsoever for which prior authorization has not been obtained. Products which APC determines to be repairable will be repaired and returned. A set fee which APC has been predetermined and which may be revised from time to time will be charged for each unit repaired. Products which APC determines not repairable will be replaced by the nearest equivalent product available at that time. The current market price for the replacement product will be charged for each replacement unit.