

PPP10-HP Phaser Pain Field Gun Condensed Instructions **REV 1117**

Caution!! Device produces 130 db measured at 18"- Observe label. Unit is intended to discourage unwanted intruders, trespassers and the like, flushing out certain target rodents, dogs, deer and other pests for control or statistical evaluation of pest controls and procedures. Use to keep away unwanted animals, predators raiding gardens, bird feeders-flush out rats from dumps, silage bins, granaries, chicken houses etc. Have a .22 or .410 ready!!

Do not point towards people without a reason as severe discomfort, pain, nausea and disorientation will result.

Instructions

1. Turn **sweep** knob full CCW until it clicks "off"
2. Insert 8 fresh AA alkaline batteries in holder by removal of slip cap CAP1. *Read note on battery insertion.*
3. Slide into handle and retain via slip-cap
4. Point towards target subject- **push button switch** on handle and adjust controls for effect

Controls Explanations

(Left side) **Frequency Control** Adjusts output from a low frequency of audible 5kHz to upper limit of 25 kHz. Requires experimenting for best effect. Always note the knob position for your best obtained results.

Dogs seem to be affected just above that of human hearing...usually 18 kHz

(Right side) **Sweep** rate/on/off. FM modulates the output frequency from a slow to fast like "chirping" rate

May be disabled by turning "off". This function prevents animals from acquiring "deafness immunity" to the sonic shock waves.

Bear in mind human sensitivity is maximum on younger females and less on older males.

Notes

May be used to determining the feasibility of our larger higher power units being intended for a target problem. If you get some positive results from this unit, it is a good chance our higher- powered units will work that much better. If you get negative results, then it is best to think of another deterrent.

See below for more complete detailed instruction and data

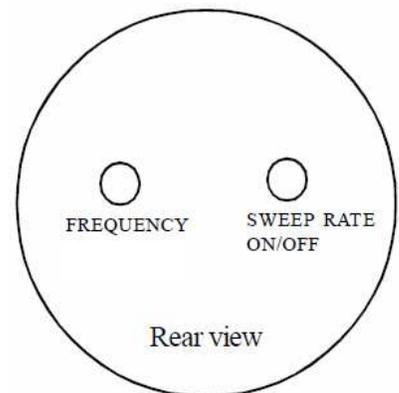


POWER
Push = On
Release = Off

Bottom green button
increases output by 6db

Remove CAP1 to
access batteries inside

Note: if the unit does not seem to function, it could be the batteries are "stuck" in the cradle and not making electrical contact. This can be a real nuisance to the untrained eye, but when you do insert the batteries just make sure they are able to freely slide into position and contact each another by the spring pressure at the ends of the cradle. If this becomes a persistent problem, apply a little bit of Vaseline around the battery sides, or inside the adapter, but do not get it on the contact points as it will only make things worse. Now the batteries should easily slide and make good contact with their respective output pins and of course each other. We are sorry for this inconvenience but battery holders have a tendency to grab tightly. This will eventually go away as the batteries are used more often and tend to press open the plastic holders as time goes on.



PPP10-HP Full Instructions rev 1117

Ultrasonic Pain Field and Sonic Shriek Wave Guns/Emitters

This device can be adjusted to produce completely inaudible Ultrasonic Pain to audible debilitating Sonic Shrieking Waves or a combination of both.

Full color instructions may be downloaded at no cost on product web site

These ultrasonic pain field guns and generators can be tuned to target certain animals and unwanted human intruders. The effect does not cause injury but produces a debilitating highly discomforting feeling of nausea disorientation and paranoia. There are many home and personal alarms available, but none have a deterrent that can prevent or discourage an encounter quite like these devices.

**These devices are not intended to be used for unwarranted harassment!!
Use your better judgement or consult local authorities on these issues**

The instrument you purchased is a multifunctional protective device producing directional piercing and high levels of longitudinal compressional sonic waves at SPL of >135 db measured at 1m- Observe label. ***The device can help avoid unwanted confrontations and home intrusions*** yet is not life threatening.

It can be used for keeping most unwanted four-legged creatures from ravaging gardens, ornamentals etc.

Basically, the unit produces a wide band of frequencies ranging into the high audible to the ultrasonic. Most people will hear or feel (***depending on settings of controls***) and become nauseous, lightheaded, dizzy or just plain uncomfortable and find the output intolerable to be around. Not all people or animals are a-like and find some affected far more than others.

Successful performance of this instrument will require you to know the settings of the controls and their effects for producing optimum effects on selected targets. Range can be 25 feet out to 200 feet depending on target sensitivity. *NOTE: Unfortunately, the sensitivity curve shows younger women are the most effected while older men the least!*

The unit has settings that range from 5 kHz to 24-25 kHz. These settings are stable and will perform different functions on different targets. Most humans will not hear above 18 kHz, but will feel the effect at higher frequencies over a short period of time. As you decrease the frequency people will start to hear it, as well as feel it's and it is the discretion of the user along with the effect on his target where he adjusts his settings.

The unit also has a **sweep control** function. Now the sweep control function produces both audible and ultrasound frequency. You may be hearing audible tones as well as ultrasonic as the unit sweeps its range as set to. The sweep control also has a rate control, which simply speeds up or slows down the changing frequencies from the ultrasonic to the audible range. As you can see these many functions and settings sometimes require the user to find **a sweet spot** meaning most effective settings that affect his target.

Addendum Notes

Unit may be used to protect gardens and ornamentals from unwanted four- legged pests, bark control, for control of predators raiding bird feeders etc.

May be used to determine the feasibility of our larger higher- powered units intended for a target pest problem. If you get positive results, it is a good chance the higher- powered units will be more effective. If you get zero result, then it is best to think of another approach

Great fun for flushing out rats from dumps, silage bins, granaries, chicken houses etc. Have a .22 or .410 ready!! **Be careful as author got painfully shot in the ankle!!**



Rear controls cap
View next page

CAUTION
Sound pressure levels in excess of one hour over 105db may impair hearing. These units produce over 120db@30cm Check local laws before using device as a deterrent against people
Web Site < www.amazing1.com > INFO UNLIMITED Amherst N.H. 603 673 4730

Battery cap. Slide off to
remove battery pack
insert 8 AA alkaline cells

Note: if the unit does not seem to function, it could be the batteries are "stuck" in the cradle and not making electrical contact. This can be a real nuisance to the untrained eye, but when you do insert the batteries just make sure they are able to freely slide into position and contact each another by the spring pressure at the ends of the cradle. If this becomes a persistent problem, apply a little bit of Vaseline around the battery sides, or inside the adapter, but do not get it on the contact points as it will only make things worse. Now the batteries should easily slide and make good contact with their respective output pins and of course each other.

We are sorry for this inconvenience but battery holders can have a tendency to grab tightly. This will eventually go away as the batteries are used more often and tend to press open the plastic holders as time goes on.

Rear Panel Controls

See page 8 for enlarged view of knob position as related to frequency and sweep rates

mark knob points for known effects

FREQUENCY ADJUST
On/off- rotate to select freq from 5 to 25 kHz

Sweep function on/off- rotate for rate of sweep function. See note on instructions

Note that you may have to try different adjustment setting of controls for optimizing effect on target subject

You may mark locations of knob pointers for positions you find most effective on your target



SETUP

- Check the unit over for any damage that could have occurred during shipping or otherwise.
- Verify all knobs are fully counterclockwise and off as noted by the click of the switch knob.
- Remove the slip- on **CAP** from the **BUTT** section of the handle and slide out the eight- cell battery holder. **Note the foam rubber block to stabilize holder from moving**
- Insert eight fresh Duracell's or alkaline AA batteries and note proper contact of the batteries with each other, also the connections to the terminals.
- Snap on the battery clip that might be difficult to do at first, but patience is a virtue.
- Carefully reinsert into the handle and slide on the slip- on **CAP**.

CONTROLS DESCRIPTION AND FUNCTIONS

- *1. **ACTIVATE/FIRE** This button activates the transducer generating output determined by the settings of the controls on the rear panel
2. The **ACTIVATE/HI PWR** button adds 3-6 DB to Output
3. **FREQ ADJ** is for manually presetting the output from an audible of 5khz to inaudible up to 25 khz ultrasound
4. **SWP ON/RATE ADJ** is for adjusting the rate of the changing freq from audible to inaudible ultrasound. **Some will hear as well as feel effect when the SWP IS ON**
5. Adjusting/presetting the output on a target subject requires **ACTIVATE/FIRE** button to be activated. Once determined you mark pointer settings of knobs for active effect

SPECIAL NOTES

- Perform following tests with hearing protection or outside to avoid return reflections from walls etc
- Dogs seem to be affected just above that of human hearing...usually 18 kHz
- Note human sensitivity is maximum on younger females and less on older males. This advantage is used to discourage unwanted teenage gatherings in front of stores or other sensitive areas

FREQUENCY RANGE

- Click on **FREQ ADJ** knob. Do not adjust control
- Activate the **FIRE** button and note a piercing audible 5 kHz tone.
- Slowly rotate the **FREQ ADJ** control clockwise and note frequency getting higher and higher until you cannot hear it anymore, but eventually will feel it as ear pressure.
- Adjust **FREQ ADJ** control fully clockwise the frequency will be 24 to 25 kHz. Sensitive ears may hear at close range.
- Slowly rotate the **FREQ ADJ** control counterclockwise to a frequency you can just start to hear.
- Activate the **HI-PWR** pushbutton switch on the **BUTT** handle, and note an increase in sound output.
- Deactivate pushbutton switches and rotate **FREQ ADJ** control fully counterclockwise and click off.

SWEEP *some will hear as well as feel effect when the swp is on*

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SWP ON/RATE ADJ is for adjusting the rate of the changing freq from audible to inaudible ultrasound. Adjustment can be a rapid rate like chirping sound to a slow sickening rate of 5 seconds. Note that sweep range may be both audible at the low end to inaudible ultrasound at the high end. Sweep is disabled by clicking the switch in the FCCW position of this control

SPECIAL NOTE ON SWEEP RANGE ADJUSTMENT

When you activate the **SWEEP FUNCTION** the frequency now changes between two limits as set by the **FREQUENCY ADJUST CONTROL**. The sweep rate of the frequencies that are being swept will vary depending on where **THE FREQUENCY ADJUST** is set. Example: if you turn **THE FREQUENCY ADJUST CONTROL** full clockwise, that is the highest ultrasonic frequency of the unit. The sweep rate of the sweep range will start from that frequency of 25 kHz and change eventually reaching a lower frequency that could be audible to some people. The **SWEEP RATE CONTROL** just changes the time it takes for the output frequency to change from the highest setting to the lowest setting.

As the **FREQUENCY ADJUST CONTROL** is set lower, the sweep will always start from that lower frequency setting and even go lower. *You will be very much in the audible range if you were able to hear reasonably high frequencies as most younger people are.*

The best approach with a unit like this, where most users are unfamiliar with is to do a little experimenting. This will give you an idea of how the unit should be set for your particular application at the same time observing the effect on the target.

The combinations of setting for these devices is almost unlimited.

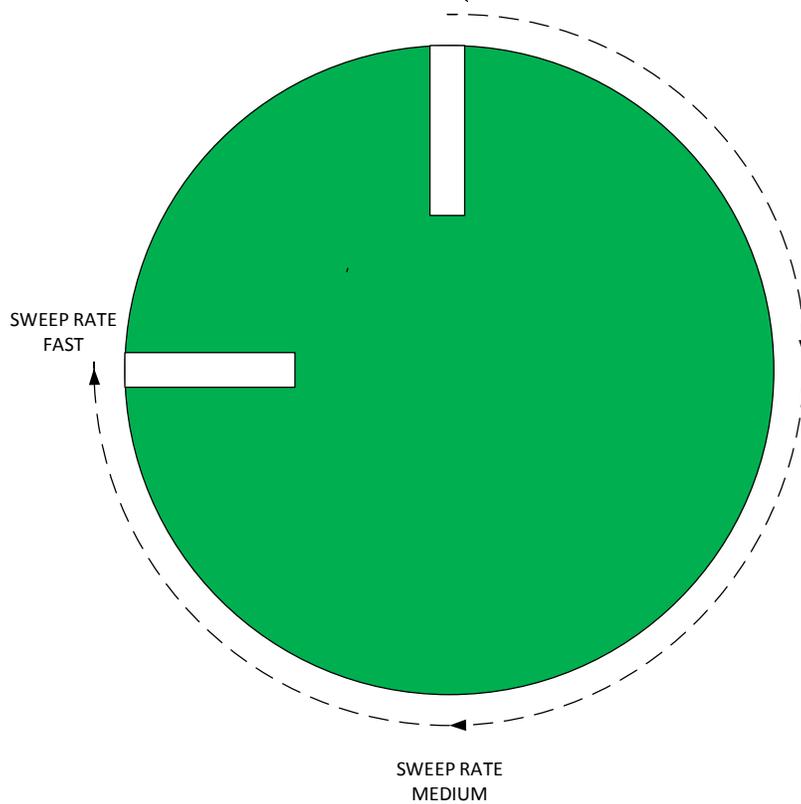
The rate of this change is adjustable by the **SWEEP RATE CONTROL** and can enhance the effectiveness of the unit in many applications. You may find however that the **sweep** may not be required and be disabled by simply clicking the **control off**. This allows a steady tone as set by the **FREQUENCY ADJUST CONTROL**

When you use the unit in the sweep position the whole objective is you scan the frequency of the unit from the high ultrasonic into the high audible or go lower where you can scan a shrieking high sound pressure (SPL) audible sound. The scanning mode in most cases should not be used if it's going to be around those who are very sensitive to high-frequency hearing as they could be bothered by it

KNOB POSITION/FREQUENCY



OFF/ON SWEEP SLOW



KNOB POSITION/SWEEP RATE