Mobile Scare Sound system V2.0 V2.1

This system is ready to use and under normal circumstances it will be run about 3 tot 4 weeks full stand alone and automatically.
After these period you need 24 hrs to charge all the batteries. There is build in an charge unit, you do not need to open the trailer for charging the batteries. Outside the trailer is an Euro connection for charging on an normal 230 V connector.

After open the door from the control unit at the front of the trailer you will see the following :

Volume: Predators

Control LED predator sound

Contrast display

Fuse
220V 2 Amp.

Master switch predator sound

Ultra sound Switch and frequention turnswitch

Push buttons display menu

With the 4 push buttons below the display you control the system on an very easy way. You can always see the latest changing's, the time to start and stop, type of sound, interval minutes, interval seconds etc..

The internal clock shows the local time and controls the start and stop timer, in case of low batteries, the internal clock runs further for 5 day's .

Sound Type > in this menu you can change the sounds of natural predators, or play in random (confirm with “select”)

Interval seconds > in this menu you can change the intervals between the different predators (Confirm with “select”)

Interval minutes >> in this menu you can change the intervals between the different predators (Confirm with “select”)

Sound repeat > In this menu you can say how oft every sound must be repeated, for example : interval seconds 10 sec, interval minutes 30 minutes **repeat 4. This means that the system every 30 minutes until 4 times every 10 seconds Plays the sound of natural predators.**

Mode > in this menu you make an choice of "**always On**" (day and night ON) via the internal clock

"Timer" (the time which is configured in the menu time start en time stop), or via an Detector (optional)

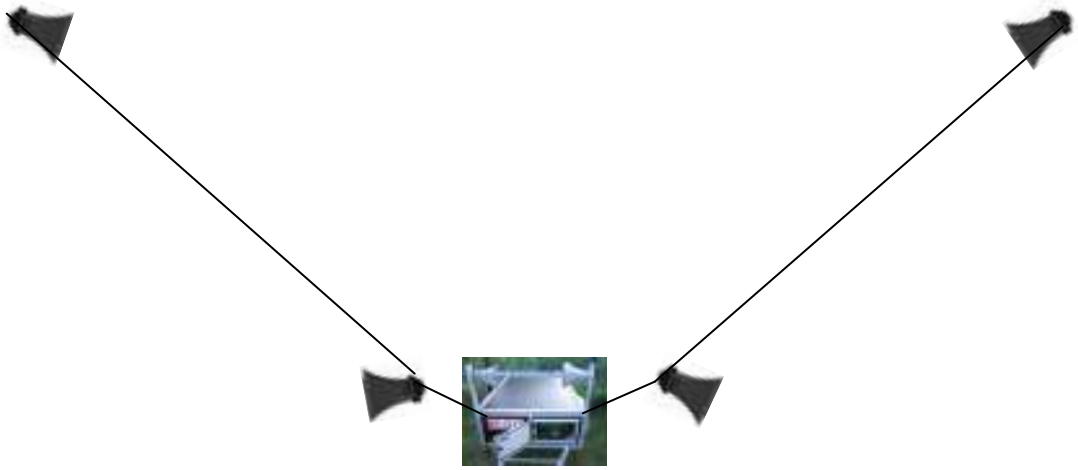
"Mute" all the electronic devices will be on but the system will not give sounds

Time > In this menu you can change the actual time and the start and stop time

When you put the system in **"Timer"** mode than the system will be only start and Stop between the 2 times given on the display

On the picture above you see the connector for charging the batteries, and the connectors for external speakers with ultra sound and predator sound. In some cases we install ip 65 connector boxes on the outside of the trailer.

How to use an Scare sound system !



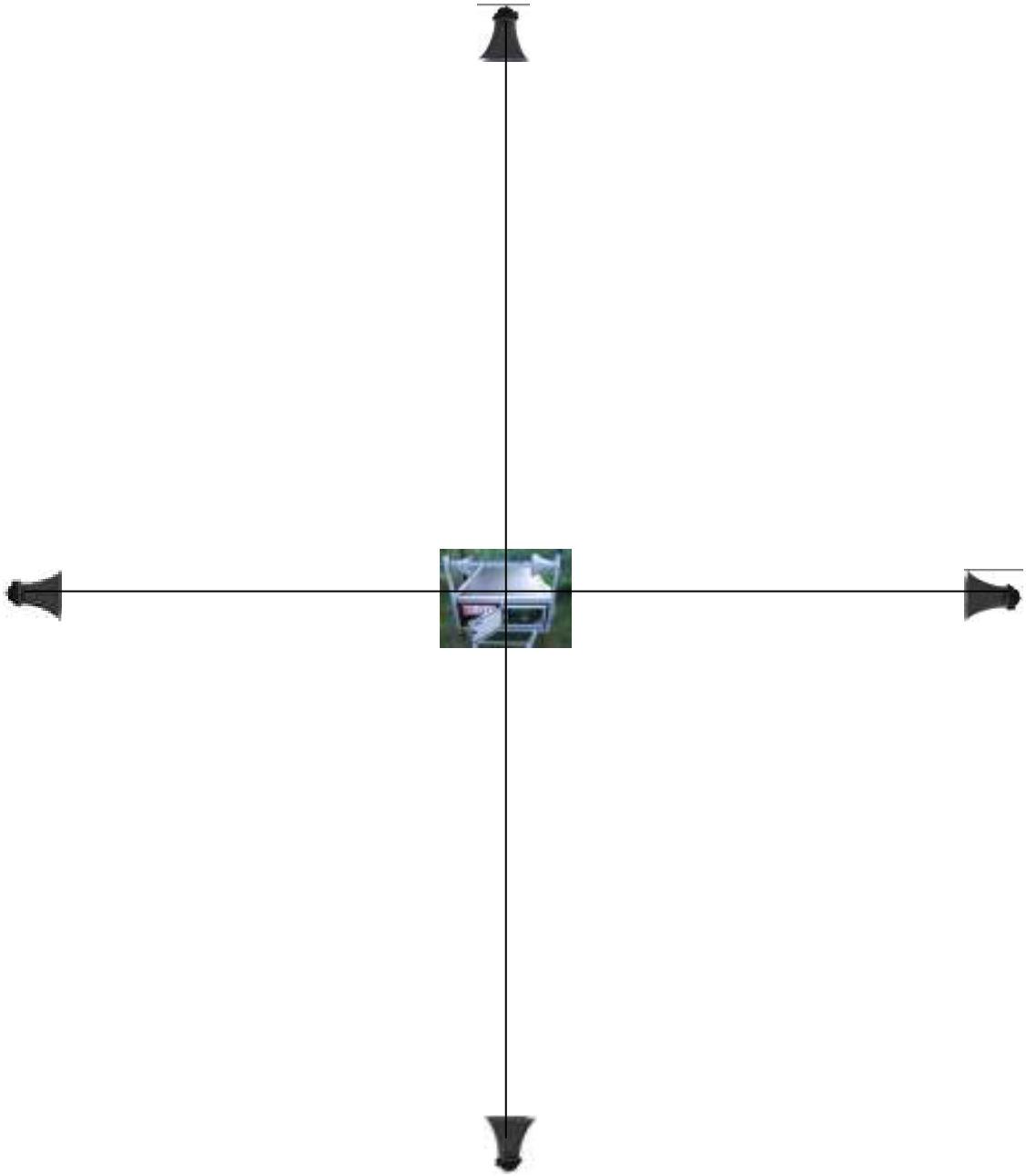
The speakers will be parallel connected to each other. You can use 2, 4 or 6 speakers on one system.

It is important that the sound create an surround effect! So that the birds can not analyze the location where the sounds is coming from. Always in the begin and in some cases during the whole period we put some Scare owls in the area where the Scare sound is located, also bamboo with reflector mirrors or mirror tape is an wonderful help. Until now we have always success, but you must be alert for the first birds so that we or you can handle if needed. The most important time is the period that you start ! From the first day's we tolerate not one bird in the protected area.

Also A couple of plastic Falcon Peregrinus on a pole is helpfully.

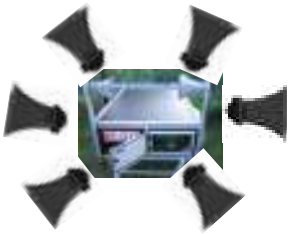
Scare Peregrinus

Another example !

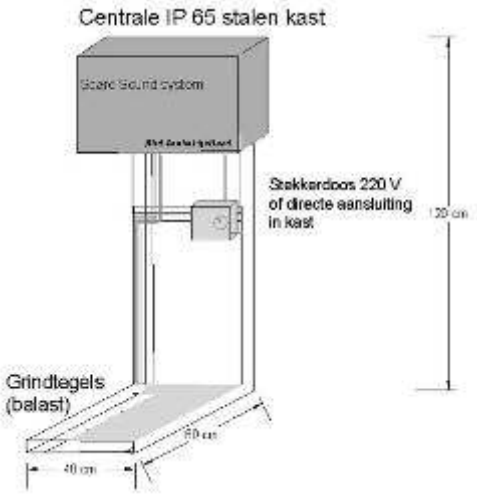


In this case the maximum cable length is 100 meter par 2 speakers, more length means less sound on the end of the cable.
The cable is easy to handle with Our special cable spindles.

Another example !



In some complex situations it is possible to put total 6 speakers build on the trailer in different directions. In this way you do not have to handle with cables and you have maximum volume on each speaker.



It is also possible to work with only the Scare sound system in the field direct connected to 230 V but the problem is always where do I get the electric connection.

Technical description Scare Sound system

This very advanced sound-system is capable to scare away 1 to more than 10.000 birds over large distances. The principle is simple. On location at least 4 loudspeakers will be installed to become a surround effect. They are connected to a Central Unit. In this way a surround sound is created of flying around birds of prey, like, Buzzards, falcons, goshawks, eagles etc.
Various sounds, intervals, start and stop times can be programmed separately. Horn speakers are connected to the **Scare Sound** Central Unit, by means of special shielded cables. The Central Unit operates at a supply voltage of 220V or 12 V and can be located indoor or outdoor the speakers that are powered at low-voltage, are weather resistant IP65.

Suply power	**220 V AC 2 x 12 Volt DC**
Internal power	**2 x 12 Volt o,8 watt**
Sound power	**4 x 23 Watt 4 x 120 dB max. power**
Input sensivity	**300 Mv**
Channelcut	**70 dB**
Bandrange	**7Hz- 60 KHz (-3 dB)**
Power consumption	**0,4 Amp to max 1 Amp**
Harmonical difference	**0,07 %**
Dimension central unit	**420 x 250 x 160 mm L x B x D**
weight	**8250 Gram**
Housing control unit	**powdercoat + RVS steel IP 65**
Speakers	**4 x 23 Watt 8 Ohm IP 66 grijs PVC**
Frequention range	**350 – 16.000 Hz**
Speakers dimension	**200 x 140 x 235**
Cable	**2 x 1,5 max. 200 meter 2 x 100 m1**
Timer	**internal klock 7 programs**
Timer 2	**Programmable IC's (via menu endless)**
Soundmemory	**Programmed chip 4 x 15 sec.**
Sounds	**Natural predators 4 x + random**
Detection	**Active or passive detectors NC/NO**
detection Range	**Max 30 meter**
Effectif system range	**6 Ha or more**
Conformite	**CE, Europa.**
manual	**Netherlands, on request english, france, german etc..**

Bird Control Belgium

Systeme d'effarouchement d'oiseaux
Vogelwering systemen
Vogelabwehr systeme

www.birdcontrolbelgium.com