

# ultraSon®

Successful for  
more than 30 years!

## Effective Animal Repeller



This electronic animal repeller efficiently chases away:

- Birds (starlings, blackbirds, thrushes, crows, pigeons...)
- Wild animals (wild boar, roe deer, hares, badgers...)
- Rodents (musk rats, wood chucks), beavers, raccoons...
- Predators (wolves, bears, coyotes)

Effective application in agriculture, vegetable growing, viticulture, fruit growing, the cultivation of seeds, fish farming as well as the protection of property.



# ultraSon®

## Effective Animal Repeller

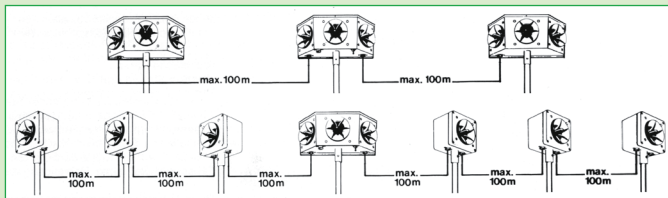
**ultraSon** produces sound waves (audiable and inaudible) which are emitted by special loudspeakers.

**ultraSon** does not just temporarily scare off pests. It banishes them permanently. The special sound mix (high frequency in combination with ultrasound) is very painful and unbearable for the animals. They feel disturbed in the whole area you want to protect (radius 100 m) and avoid this area.

Birds (e.g. blackbirds) leave their nests and resting places for undisturbed areas. The flight path between resting place and feeding place is interrupted. Flocks of birds (e.g. crows or starlings) become aware of the sound and fly past the **ultraSon** protected area. Game (e.g. wild boar, roe deer, hares, badgers) cannot bear this sound mix and avoid the protected area. Therefore they cannot become accustomed to the sound.

If installed in the middle of the area, **ultraSon** protects ca. 1.5 ha agricultural land (vineyards, orchards, grain fields) from flocks of birds (e.g. starlings).

Additional loudspeakers completely extend the protected zone to 4.5 ha:



The **ultraSon** is set on the boundary of the protection area or on a building or structure to repel other bird species (e.g. crows) and forest animals coming from hedges and woods nearby. The sound has to be emitted in the direction of the flight path. The recommended distance to residential areas is 200 m.

An optical sensor automatically switches the device on in the morning and off in the evening. The functions day and night operation, frequency, sound duration, and interval length can be adjusted individually with the easy to use press buttons. **ultraSon** has an integrated battery powered clock. Also 8 programs and 6 different time periods can be individually set.

The following energy supplies are available:

- 12 V car battery with minimum 36 Ah
- Solar Unit Type 652
- Power Unit type 307 (water resistant)

### ultraSon Type 650 **NEW**

- 8 programs and 6 different time periods individually adjustable
- Integrated battery powered clock
- Illuminated LCD-Display with easy to use press buttons
- Indicators for battery power, frequency and time



Water resistant aluminum case, 3 piezo tweeters, illuminated LCD-Display with easy to use press buttons on the back, twilight sensor, frequency regulator 2 - 30 kHz, interval and interval time regulator, night operation. Dimensions: 31 x 20 x 19 cm. Weight: 1.5 kg

### ultraSon Solar Unit Type 652



Solar module with 10 Wp.

The integrated rechargeable battery can operate 5 - 14 days without sun depending on the frequency of sound signals and number of external loudspeakers.

### ultraSon Single Loudspeaker Type 656



### ultraSon Triple Loudspeaker Type 655



**ultraSon is maintenance free. A high quality product made in South Germany and successfully in operation for 30 years.**