

1 DESCRIPTION

The Sentag receiver is a high quality hydrophone with Sentag electronics. Hydrophone is programmed to listen in specified ultrasonic sound spectra's. There are different possibilities to distribute signal to the Sentag control unit. Sentag wired network is normally used for new constructed pools. In this case receiver hydrophone is installed in a lightning niche.

If installation is made in an existing pool the normal installation is to use Sentag receiver batterypowered with RF distribution.



2 FUNCTIONALITY

The receiver is checked in startup sequence. During this sequence the hydrophone emits an ultrasonic test signal to check the range of hydrophone listening area. When receiver is active it can listen in different frequency areas also named as "Bins". This is to maximize sensitivity and minimize noise level.

Sentag 60002 RF/Battery

This unit is powered with chargable batteries and communicates with radio signal.

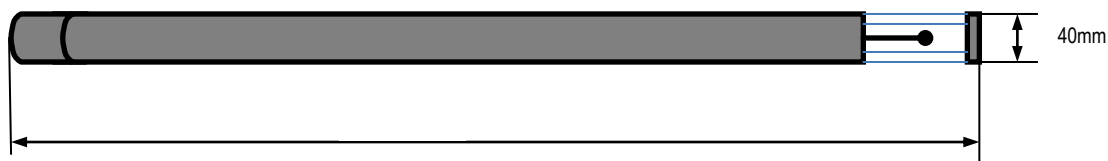
Sentag 60003 W

This unit is powered via security transformer 12VDC, and communicates via Sentag network.

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3.1 TECHNICAL DATA Sentag 60002 RF/Battery

- Carbon tube housing, with sealed radioantenna on top part and hydrophone in bottom part.
- Mounting in pool can be done in many ways, nylon mounting brackets, glass fiber holster or other customized solution.
- Hydrophone depth is approximately 750mm
- Power battery: 6 Chargeble A cell 1,5V
- Battery chargetime: 30 days with normal usage. Battery warning displayed in Sentag controle module.
- Battery lifetime: 4-5 years with normal usage.
- Charging connectors in bottom part of reciever, two connectors.
- Weight 2050g



3.1 TECHNICAL DATA Sentag 60003

- High quality hydrophone with 1-10m cable length. Different mounting brackets depending on lightning niche.
- Electronics module with connector for hydrophone and Sentag network. Module size (lxbxh) 200x140x100mm.
- Powered Sentag transformer Sentag 600032



4 HOW TO ORDER

Part no.	Description	Power	Hydrophone
SenTAG 60002 RF/B	Sentag Reciever Radio/Battery	6 A Cell	Included
SenTAG 60003 W	Sentag Reciever Wired	Transformer S600032	Wired 1-10m

5 ASSESSORIES

Network power supply **Part no: SenTAG 600032**
Security power supply for pool enviroment

Reciever holster **Part no:**
Glass fibre holster pool corner mount

Nylon mounting brackets **Part no:**
Flat pool wall mounting
Aqua pharos nische hydrophone

Malux lightning nische
