

VR2W-180 kHz Single Channel Receiver

Designed to operate with our smallest 180 kHz tags

The VR2W-180 kHz receiver is cost effective, compact, easy to use, long-lasting and flexible, making it ideal for remote, long term monitoring of small fish species.

Juveniles, Smaller Fish, More Species

The VR2W-180 kHz is used with the V4 and V5-180 kHz transmitters. Weighing just 0.24 grams in water (0.42 grams in air), the V4 tag is the latest addition to VEMCO's line of miniature coded transmitters. The V4 and V5 (0.38 grams in water, 0.65 grams in air) enable researchers to track and monitor smaller fish and a broader range of species than ever before! Note that the VR2W-180 kHz receiver cannot detect VEMCO's 69 kHz transmitters.

Why 180 kHz Frequency?

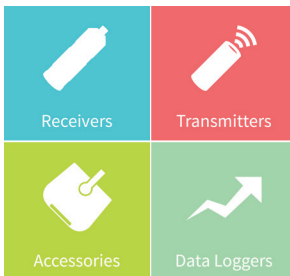
Choosing the 180 kHz frequency enabled VEMCO to develop small, lightweight tags that would operate well in both salt and fresh water environments.

Features

- ▶ Fast upload using Bluetooth® wireless technology - after retrieving your receivers from the water, you can upload data quickly and from up to 7 receivers simultaneously
- ▶ Substantial data storage capacity - 16 MBytes (~1.6-million detections)
- ▶ Field upgradable design allows upgrade of unit in the field with future receiver enhancements



VR2W-180 kHz Specifications	
Dimensions	308 mm long x 73 mm diameter
Weight	1190 g in air, 50 g in water
Power supply	1 -3.6 V Lithium D cell battery
Battery life	Approximately 8 months
Maximum depth	500 metres
Receiver frequency	180 kHz
Storage	16 MBytes flash memory Approximately 1.6-million detections



The VR2W-180 kHz Operates with PC Software

The VEMCO User Environment (VUE) PC Software for initialization, configuration and data upload from VEMCO receivers allows users to combine data from multiple receivers of varying types into a single integrated database. Studies using 69 kHz and 180 kHz tags can also be combined into one VUE database.

The VR2W Comm Package includes everything you need to talk to your VR2W:

- ▶ VUE software
- ▶ Software manual
- ▶ Two VR2W Comm Keys
- ▶ Adapter for USB to Bluetooth® wireless technology

**VUE requires Windows XP SP2 or VISTA operating system.
See VEMCO's website for more details on VUE.**

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