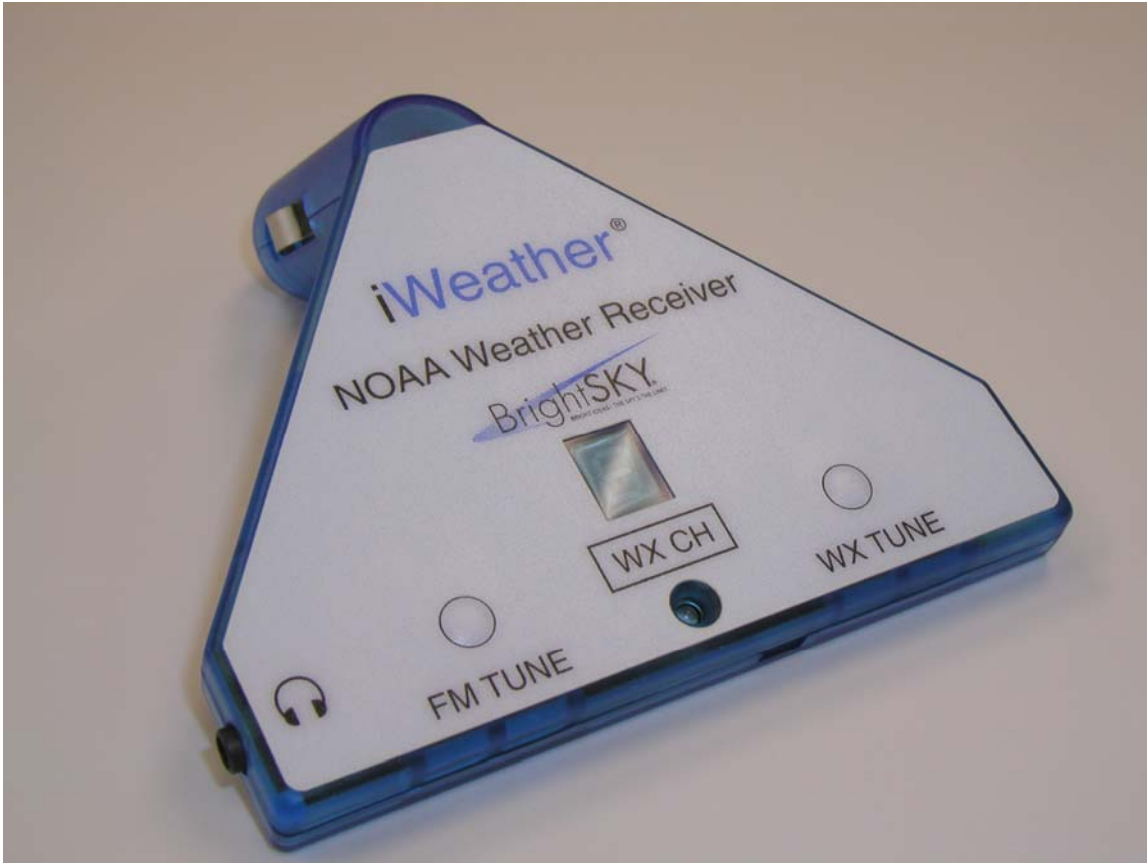


iWeather – NOAA Weather Broadcast Receiver



BS1650 iWeather NOAA “All Hazards” Receiver

FEATURES

- Receives all NOAA Weather and Special Alert Messages, including Amber Alert
- Transmits audio to a standard, fixed or mobile FM receiver (88-108MHz)
- Auto tune feature automatically tunes to local NOAA channel
- +12 VDC operation (10-16V) – plugs directly into standard cigarette lighter or 12V auxiliary outlet
- Front panel 7-segment LED display for NOAA Channel indication
- No Batteries required (eliminates damage from leakage)
- Nationwide coverage with over 985 NOAA broadcast locations in North America
- Headphone Jack (3.5mm) for private listening
- Low Cost
- Last channel memory for NOAA and FM channels (eliminates re-tuning)
- Audible alert warning (new alert message)

BrightSKY, LLC

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PRODUCT OVERVIEW

The BS1650 NOAA Weather Receiver (Patent Pending) receives broadcasts from the NOAA Weather Radio (NWR) system. It provides a low cost, mobile or fixed method of receiving NWR broadcasts containing alert messages and special broadcasts. Working with the Federal Communication Commission's (FCC) Emergency Alert System, NWR is an "All Hazards" radio network. NWR also broadcasts warning and post-event information for all types of hazards – including natural (such as earthquakes or avalanches), environmental (such as chemical releases or oil spills), and public safety (such as AMBER alerts or 911 Telephone outages).

NWR includes more than 985 transmitters, covering all 50 states, adjacent coastal waters, Puerto Rico, the U.S. Virgin Islands, and the U.S. Pacific Territories.

The BS1650 rebroadcasts the audio portion of the NOAA weather or special alert messages to a standard mobile or fixed FM broadcast receiver.

The unique modular construction of the BS1650 allows it to be easily used in automobiles, boats, campers, etc. with a cost much lower than competing products.

A low current design allows the BS1650 to operate continuously in a standby mode. A built in 1050 Hz detector activates the device upon reception of a new alert message.

SPECIFICATIONS

Power Supply Requirements:	+10-16 VDC at 200 mA max. (30-45 mA typical in standby)
Networks Supported: (RDS)	NOAA Broadcast Towers (North America) and Radio Data Services
NOAA Broadcast Band:	RX: 162.400 – 162.550, 161.650, 161.775, and 163.275 MHz (10 Channels)
FM Broadcast Band:	TX: 96.1-100.1MHz (supports 21 channels)
Head Phone Interface:	3.5mm Modular Jack
Indicator Light (LED):	Power "On"
Display:	7-segment LED, Single Digit (0.28")
Outline Dimensions:	3.8" (97mm) Height
	: 4.1" (104mm) Width
	3.4" (86mm) Depth
Weight:	3 oz (285 g)
Operating Temperature Range:	-20°C to +65°C
Storage Temperature Range:	-40°C to +85°C

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