CONSOLELINK™

The ConsoleLink is an accessory product that directly connects to a host Weather Monitor II™, a Weather Wizard II™, or a Weather Wizard III™. The ConsoleLink collects weather data from the host station and transmits the data, via a radio signal, to other DavisTalk™ compatible consoles and receiving units. This allows you to send weather data to another location without using any wires. One ConsoleLink can send data to any number of DavisTalk compatible receivers and display consoles.

Each ConsoleLink can operate on one of eight user-selectable ID codes, allowing multiple ConsoleLinks to operate in the same physical area. The ConsoleLink includes a WeatherLink pass-through connector, permitting normal operation of the WeatherLink accessory.

The ConsoleLink sends the following weather data, when suitable sensors are connected to the host station.

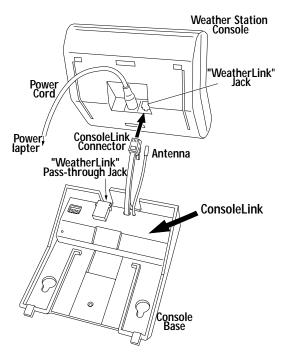|	Weather Monitor II	Weather Wizard II	Transmit Interval	Update Interval
Inside Temperature	Yes	Yes	1 Minute	1 Minute
Inside Humidity	Yes	No	1 Minute	1 Minute
Outside Temperature	Yes	Yes	10 seconds	10 seconds
Outside Humidity	Yes	No	10 seconds	10 seconds
Rainfall	Yes	Yes	10 seconds	10 seconds
Wind Speed	Yes	Yes	2.5 seconds	2.5 seconds
Wind Direction	Yes	Yes	2.5 seconds	2.5 seconds
Barometer	Yes	No	1 Minute	1 Minute

Note: The transmit interval is the length of time between successive transmissions of a particular data. The update interval is the length of time between successive measurements of a particular data.

With the ConsoleLink, the update and transmit intervals are the same for each measurement. Other DavisTalk products may show differences between the update and transmit intervals.

SPECIFICATIONS

General

Operating Temperature . . . . -40 to 140° F (-40 to 60°C)

Operating Humidity . . . . 0 to 100%

Housing Material . . . . Black ABS Plastic

Dimensions . . . . 4.4" x 1.75" x .5" (112 mm x 45 mm x 13 mm)

Weight . . . . 2 oz. (.06 kg)

Input

Electrical Connection . . . . 3" (76 mm) long cable w/RJ-11 plug, connects to host WeatherLink port

Weather Data Format . . . . Proprietary format from host station

Supply Current . . . . 25 mA (gets power from host console)

Output (Radio)

Transmit Frequency . . . . .U.S. Models: 916.5 MHz, Overseas Models: 868.35 MHz

Output Power . . . . FCC certified low power, less than 1 mW (does not require a station license)

Range
Line of Sight . . . . 400 ft (130 m)
Through Walls . . . . 100 to 200 ft (30 to 60 m)

ID Codes 8

Output (WeatherLink®)

Electrical Connection . . . . Female RJ-11 socket, compatible with Davis WeatherLink

Weather Data Format . . . . Compatible with Davis WeatherLink

TYPICAL INSTALLATION

ATTACHING THE CONSOLELINK TO THE HOST WEATHER STATION

ORDERING INFORMATION

The ConsoleLink (product # 7617 & 7617OV) is compatible with Davis host weather stations, DavisTalk receivers, and Davis host station options listed in the tables below. Please check the latest catalog for additional compatible products.

Compatible Host Weather Stations	
Weather Wizard II (# 7425)	Weather Monitor II (# 7440)

Compatible DavisTalk™ Receivers			
Weather Echo (# 7602, 7602OV)	Weather Echo Plus (# 7603, 7603EU, 7603UK)	Wireless Repeater with Solar Power (# 7615)	Wireless Repeater (# 7614)

Host Weather Station Options					
External Temperature/ Humidity Sensor (use with Monitor II only) (# 7859)	Standard Rain Collector II, 0.01" (# 7852)	Standard Rain Collector II, 0.2 mm (# 7852M)	Radiation Shield (# 7714)	WeatherLink PC version (# 7862)	WeatherLink Mac version (# 7866)