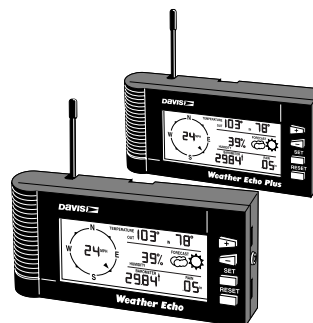


WEATHER ECHO & WEATHER ECHO PLUS

The Weather Echo and Weather Echo Plus displays act as radio receivers showing weather data transmitted by any "DavisTalk" compatible host station. When transmitted by a host station, the Weather Echo and Weather Echo Plus can show the data in the table below.



ALL MODELS

DATA FROM HOST WEATHER STATION	Weather Stations		
	With ConsoleLink™		SENSOR- LINK (Tx)
	WIZARD	MONITOR	
Wind Speed	Yes	Yes	Yes
Wind Direction	Yes	Yes	Yes
Barometer	No	Yes	No
Rainfall	Yes	Yes	Yes
Outside Temperature	Yes	Yes	Yes
Outside Humidity	No	Yes	Yes
Inside Humidity	No	Echo only. Echo Plus has it built in.	No

The table below highlights the differences between the Echo and Echo Plus.

BUILT-IN FUNCTIONS	ECHO	ECHO PLUS
Inside Temperature	Yes	Yes
Inside Humidity	No (Can receive inside humidity from host station)	Yes
Backlighting	No	Yes
AC Power Option	No	Yes

The Echo and Echo Plus communicate on one of 8 different ID codes. This allows you to operate multiple systems in the same geographical area. **The receiver operates on a low power frequency that does not require you to have a FCC license.**

Both the Echo and Echo Plus store high and low readings for the current and past seven days.

SPECIFICATIONS

General

Operating Temperature	32-140°F (0-60°C)
Battery Type	3 volt CR-123 Lithium or equal
Battery Life	10- 12 months operation
Power Adapter	3 volt @ 200ma (Echo Plus only)
Housing Material	Black ABS Plastic
Dimensions	5.2" L x 2.25" H x .8" D (13.2 cm L x 5.7cm H x 20.3 cm D)
Weight	3 lbs (.136 kg)
Receive Frequency	U.S. Models: 916.5 MHz; Overseas Models: 868.35 MHz
ID Codes Available	8

Output Power. Under 1 mW (no license required)

Range

Direct Line of Sight	400 ft (120 m)
Through Walls	100 – 200 ft (30 – 60 m)

SPECIFICATIONS (CONTINUED)**Accuracy****Outside Temperature (Air)**

Display units	°F, °C
Resolution	1°F (1°C)
Range	-50 to 140°F (-45 to 60°C)
Accuracy	Same as the host sensor
Update Interval	Depends on the transmitter (10 seconds to 1 minute)

Inside Temperature

Display Units	°F, °C
Resolution	1°F (1°C)
Range	32 to 140°F (0 to 60°C)
Accuracy	±1°F (±1°C)
Update Interval	5 minutes (Echo Plus), 1 minute (Echo)

Relative Outside Humidity

Resolution	1%
Range	0 to 100%
Accuracy	Same as the host sensor
Update Interval	Depends on the transmitter (10 seconds to 1 minute)

Relative Inside Humidity

Resolution	1%
Range	10 to 90%
Accuracy	
Echo	Same as host sensor
Echo Plus	±5%
Update Interval	
Echo	Depends on the transmitter (10 seconds to 1 minute)
Echo Plus	5 minutes using internal sensor

Wind Direction

Resolution	22.5°
Range	2 to 175 MPH (1 to 78 m/s)
Accuracy	Same as the host anemometer
Update Interval	2.5 seconds

Wind Speed

Display Units	MPH, m/s, kph
Resolution	1mph, (1 m/s, 1 kph)
Range	2 to 175 mph, (4 to 280 km/hr, 0.9 to 78 m/s), 2 to 152 knots
Accuracy	Same as the host anemometer
Update Interval	2.5 seconds

Rainfall

Display Units	inches, mm
Range	
Daily	0 to 99.99" (999.8 mm)
Total	0 to 99.99" (999.8 mm)
Resolution	.01". (.2 mm)
Accuracy	Same as the host collector
Update Interval	10 seconds

Barometer

Display Units	inches, hPa
Resolution	01", (.1 hPa)
Range	Same as host station
Accuracy	±1°F (±1°C)
Update Interval	1 minute

ORDERING INFORMATION

All models of the Weather Echo and Weather Echo Plus are compatible with the DavisTalk transmitters listed below. Please check the latest catalog for additional compatible products.

COMPATIBLE DAVISTALK TRANSMITTER		
Wireless Repeater (Product # 7614/7615)	ConsoleLink (Product #7617)	SensorLink Transmitter (Product # 7610/7611)