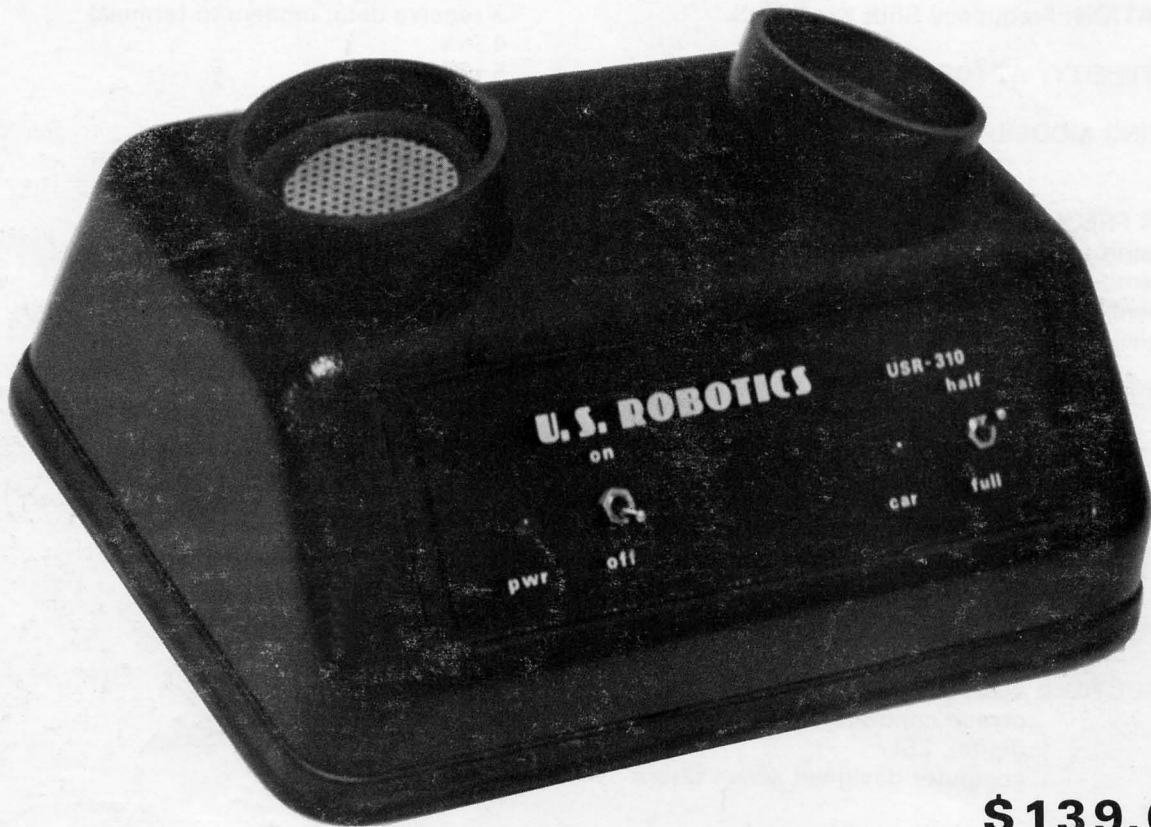


# USR-310

## ORIGINATE ACOUSTIC COUPLER



**\$139.00**

- **0-300 BAUD DATA RATE**
- **STAND ALONE UNIT**
- **INTERFACE: RS232C**
- **HALF/FULL DUPLEX**
- **ACOUSTIC CONNECTION VIA STANDARD TELEPHONE**

The USR-310 is an asynchronous, half/full duplex, originate only acoustic coupler that operates at data rates of up to 300 Baud. Connection of a USR-310 to your terminal means easy access to remote, on line computer installations. Just dial the phone number of the computer and, upon hearing a high-pitched answer tone, insert the telephone handset into the rubber cups on top of the USR-310. The communications link is then established and you're ready to send and receive data.

The design incorporates powerful MOS/LSI integrated circuitry, crystal controlled digital receiver and transmitter and computer designed active filters to produce a reliable, compact and versatile unit. The USR-310 comes with power supply and is housed in a durable and attractive case designed for desk top display. The unit operates over all voice grade telephone lines and is compatible with all equipment conforming to EIA RS232C interface specifications. A standard telephone is all that is needed for use of the USR-310 on the phone lines —no special interface equipment is necessary.

**TECHNICAL SUMMARY**

DATA RATE: 0-300 bps asynchronous

MODULATION: Frequency Shift Key (FSK)

COMPATIBILITY: WE103 and WE113 series

OPERATING MODES: switch selectable—  
full/half duplex (copy)

CARRIER FREQUENCIES:

transmit mark	1270
transmit space	1070
receive mark	2225
receive space	2025

RECEIVE LEVEL: 0 to -45 dBm

DIGITAL INTERFACE: RS232C via 25 pin connector

LINE INTERFACE: via standard telephone

POWER REQUIREMENTS: 115 VAC, 60Hz

INDICATORS: power on, carrier detect

CONSTRUCTION: solid state  
crystal controlled  
digital, LSI  
computer designed active filters

CONFIGURATION: stand alone

SIZE: 4" x 7" x 10"

WEIGHT: 3 lbs.

COLOR: black

**DEFINITION OF RS232C CONNECTOR PINS**

- 1 protective ground
- 2 transmit data, terminal to modem
- 3 receive data, modem to terminal
- 4
- 5 carrier detect
- 6 data set ready
- 7 signal ground
- 8 clear to send
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19
- 20
- 21
- 22
- 23
- 24
- 25

**PRICE**

**USR-310 with RS232C INTERFACE**

**\$139.00**

**U.S. ROBOTICS, INC.**

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