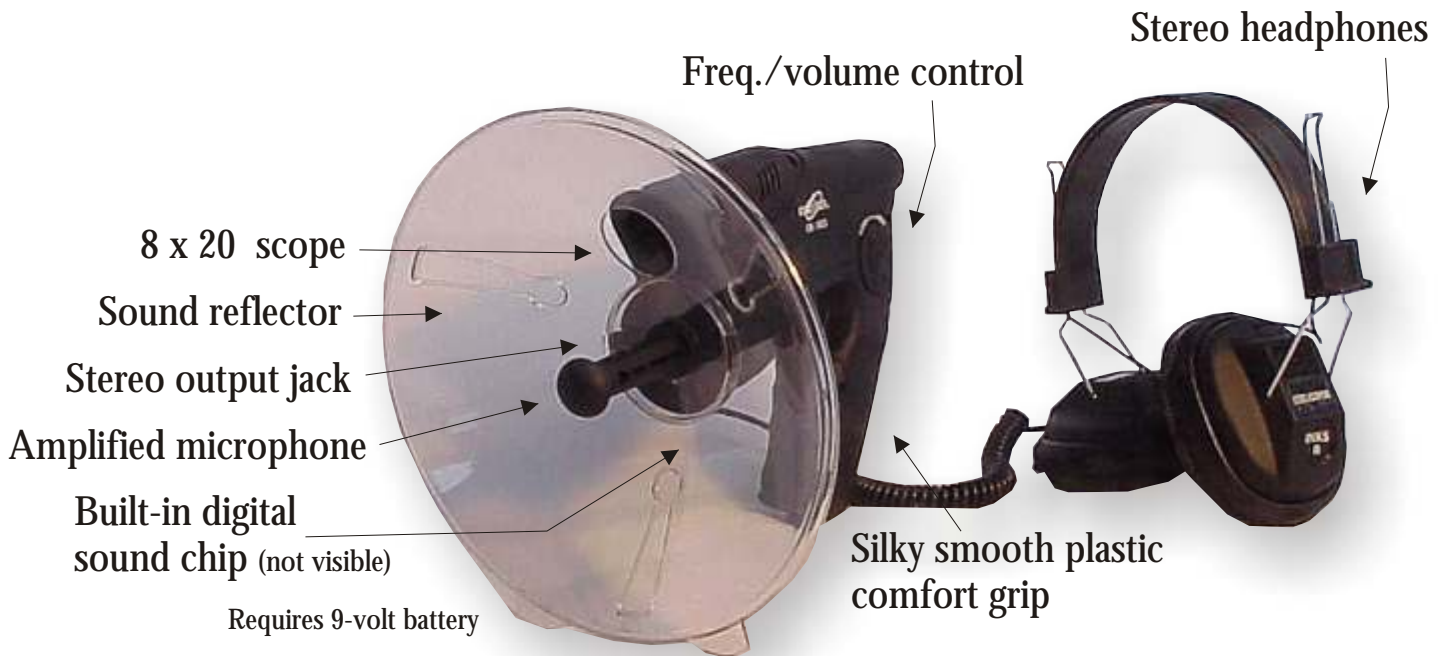


*“This device is almost genius!
I’m a jaded birder with 700 species sightings, and I’m very hard to impress. But the Orbitor is awesome. I’m hearing wingbeats, songs, in a way I’ve never heard before. ‘Intimate’ is a good word for the experience. BRAVO!”*

Mitch Heindel, author, Los Angeles Audubon Society leader

“Nifty! Binoculars for your ears. Point at a singing bird or croaking frog, pull the trigger and hear the amplified sound. A nifty device for those who want a head start on hearing and learning natural sounds. Another innovative birding product from Ramphastos.”

Dr. Scott Shalaway, the Pittsburgh Post-Gazette



The orbitor™

Hear & record nature sounds digitally

Features

- ★ 8 x scope ★ 12-second sound recording chip
- ★ stereo output jack for patch to recorder or computer
- ★ headphones ★ amplified microphone
- ★ volume control ★ top-rated birding software with 114 songs.

\$20 value!
Includes birding software with songs

\$ 79.95



The orbitor™ Listening / Recording Dish

Weight (without battery): 20 ounces.
Battery (not included): 9-volt alkaline.
Parabola diameter: 8 inches. Headphones (included): Stereo.
Headphone plug: Standard 1/4" phone plug
Output jack: Standard (miniature size)
External recorder: Any type accepting line input via patch cord (not included.) "Tape monitor" function required for listening while recording.
Connection to computer: Via patch cord (not included) into microphone or line-in jack.
Software required to record on Windows computer: Any recording software. Windows includes "Sound Recorder" utility in "Accessories" folder.
Tools required for assembly/disassembly: None. (Philips screwdriver required for battery installation.)

Specifications of internal amplifier:
Distortion: 1 % THD.
Frequency response (with sound level of 85 dB at the microphone):
@250Hz = 88dB
@1000Hz = 100dB
@2500Hz = 105dB
@8000Hz = 99dB
The Digital Recording Circuit:
Digital Sample Rate: 6.4 Khz.
THD = 1% @ 1 Khz.
Recording time: 12 seconds (+/- 2.25%)
Maximum effective distance: 80 meters.
Scope: 8 x 20 monocular.
Moving parts: None.

Ideal for

- Birders ➤ Campers ➤ Hunters ➤ Park & zoo visitors
- Life listers or Christmas bird counters
- Beginners/intermediates learning bird songs
- Hard-of-hearing birders
- Nature hobbyists developing their own libraries
- Educators & science students
- Hearing lectures in parks or museums
- Hearing owls, frogs, toads, Orca whales, sea lions, coyotes, wolves, insects, rattlesnakes etc.

Software included: "Feeder Birds" from the *YardBirds Series*.

Songs included: 114 species.
Features: Field marks, slide show, journal, illustrations, songs, maps, life history notes.
Upgradeability: Add-on chapters available.
Upgrade cost: \$10 for initial upgrade. \$5 per chapter thereafter (\$25 for complete upgrade.)
Requirements: Windows 3.1 - ME. (Windows XP version available.) Pentium. Standard sound. 12 Mb free on hard drive. 16 Mb RAM. CD player.
Reviews about software: Featured in Newsweek, national Associated Press, Bloomberg TV.

Make your own library of nature sounds • Identify unseen birds

This amazing parabolic dish brings nature sounds to life. Point at a tree, and chickadees, thrushes, sparrows and other birds seem to be singing right next to you. Great for locating owls and listening to insects and frogs too. No heavy tape recorder required -- a built-in chip digitally records 12 seconds of high-fidelity sound --long enough for most songs. Or you can connect it to a tape recorder, computer or other recording device. 8 X scope makes for handy viewing, too. Comes with top-rated software, with 114 bird songs

- ☀ Record nature sounds in your garden or local preserve -- then enjoy on days you're stuck indoors. Good for any nature sound -- birds, frogs, insects, chipmunks, whispering trees, streams, waves.
- ☀ Identify singing birds -- compare your recordings to those on the included identification CD.
- ☀ Capture the sounds and play of your kids or grandkids -- remember those innocent days forever.
- ☀ Connect to your computer -- use the free sound utilities included with most Windows or Mac computers.

"It is, in a word, amazing. A flock of 40+ English Sparrows chorusing outside was phenomenal. You haven't heard them 'til you hear them like this. I was spellbound. Then to the Starling which has started spring singing on the pole outside. Unbelievable. Like I was on the wire next to him.

Anyone who has birded with me knows my ear is astute and accurate. I still hear Blackpoll, Cape May, Costa's Hummer, etc. perfectly... But not like this. You are there.

Then I listened to one of my all time favorite audio subjects, the 'Resident' sedentarius Allen's hummer. I have four males here, so displays and wing hums are an all-day thing. About an equal number of Anna's too. It was awesome.

The volume through the headphones seems just right. And while they're at the feeders, their wingbeats....Wow.

I can't thank you enough for making the English Sparrows and Starlings again fascinatingly exciting to watch, and listen to. Intimate is a good word for the experience. I heard things I've never heard, or in a way I've never heard them... BRAVO!

I'm a jaded birder, with 700+ in the lower 48, and very hard to impress. This simple device is genius!"

-- Mitch Heindel, author of "60 Birds of the Peninsula," columnist for the "Hummer" (Palos Verdes (CA) Audubon Society), educator, trip leader, Christmas Bird Count co-compiler for the LA Audubon Society. Comments used with permission.

