

THE Compleat In Fidelitytie



What? You can't hear 20,000 cycles? After playing this record you will be able to hear even less!

The Compleat

Just as Icarus was a monument to aviation, so this record is a monument to hi fidelity. It is the record to end all high fidelity records. In fact it is questionable as to whether it might not be the last hi fidelity record. In many cases the user will find it impossible to play,—but no matter; that is not necessarily unusual for hi fidelity records.

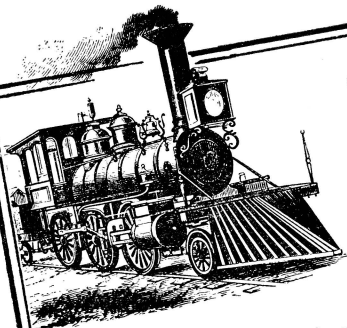
To the listener *Hi Fidelity* turns many faces; the perimeters and parameters of the art or craft are definable in chapters as follows:

COMPLEAT NOTICE

Cook Labs positively and completely not responsible for damage to equipment and surroundings. This record is not returnable for any reason and purchaser agrees as a condition of sale that purchase shall be final. Anyone able successfully to play thru without distortion or skipping grooves is entitled to a large and gaudy certificate declaring him and his equipment to be Members in Good Standing.

Medium sized little Fi-Fi sounds

Large Hi Fidelity Sounds



Jet aircraft

are well known for their window shattering capabilities. North American F-86Ds with General Electric J-47 jet engines were recorded at the Suffolk Air Force Base through the courtesy of the U. S. Air Force. We wish your neighbors well at the opening grooves of this record,—that is providing your cartridge can track them.

Steam locomotives have just about had their day; perpetuated here in purest plastic are three of New York Central's fastest and finest.

Babies

make little sounds. This is a person-to-person interview with a medium sized infant running at full capacity.



The Telephone Bell

here recorded is 6.3 cm. in diameter, free-casted in a heavy die casting of doubtful origin, recorded through several millimeters of pot-metal casting as an acoustic filter network by a condenser microphone placed no less than 8.5 inches distant in a free field. As a matter of fact there is nothing special about the telephone at all,—it could be on anybody's desk.

Very old H.F. cylinder records—

In the best modern hi fi recording practice and technics it is customary to place at least one individual microphone over each triangle in the orchestra (or more, as the case may be); the popular notion that this is a recent development in implementation of the craft is plainly preposterous. Here are presented samples of recording which by this standard is surely hi fidelity. Triangle and percussion are plainly over-emphasized, yet the recording was made over 50 years ago.

For the purposes of authenticity, however, it was necessary to reassemble the original cast and equipment.

The Thunderer March—Souza
He Goes to Church on Sunday—vocal, Billy Murray

hf sounds you never expected to meet

Mexican Firecrackers

exploding from the record of the same name (cat. #5015—\$4.98), includes Mexican pewter church bells, skyrockets, dogs and roosters. Better save this part for last, and if there is any trouble with it, just tear off the top of your speaker cabinet, drop in the nearest Little Hercules you will receive by return mail the famous Little Hercules Power-driven Ear Waxer, unconditionally guaranteed not to etc.

10,000 Hens, 3 Roosters

Near Ansonia, N.H., 5:22 A.M., October 12, 1954.

Early American Violinist

This rare recording fully exposes to the hi fidelity reproducer the subtle and elusive string overtone complex. As is well known, electrically transcribed strings ordinarily contain abrasive screeching qualities; the will-o-wisp delicacy of string tone can only be captured by preserving precisely the original phase relationships of the overtone structure, and in this we must admit we have succeeded.

1893 2 cylinder gas engine

(pump, 1 cylinder recorded on the shores of a slip in Syosset)

In a case of this kind, for extreme wide range production of the bearing and valve sounds, it was necessary to remove the spark plug replacing it accordingly with the condenser microphone, introduced into the cylinder in its stead. With the consequent insertion of somewhat over 5,000 db of attenuation, a true representation of acoustic patterns within the machine is to be had unfettered. Any less enlightened recording method would have missed the lovely sound of the clank and clatter of the crank shaft unfiltered by casting and super-

TECHNICAL SECTION

Wide range distortion

For the novice in hi fidelity who is attempting to learn from books and from his fellows about the rudiments of the subject there is frequently difficulty in comprehending the exact meaning of terms. Specifically, just what is meant by distortion is often misunderstood, and in order to clarify the semantics we present herewith a thoroughly distorted church organ. In the magnificent acoustics of the Morelia (Mexico) Cathedral, even the reverberation is badly distorted; but as always in *The Compleat*, it is wide range distortion, *high fidelity* multiple and complete distortion. Again utilizing the latest and most widely accepted practices of the microphone placement, the pick-up was made directly from inside the wind chest. It can hardly be overlooked that as the great final chords of *Vivaldi* shudder to a halt, as the distortion gently echoes back and forth and dies down within the cavernous cathedral, we find a blue fly has blundered out of its bottle into the diapason. The fly was there. Inexorably, he now flies into your living room via *Hy Fidelity*.

Wind in the house, Wind in the trees . . .

Of all sounds, that of wind is the most elusive. In itself, even the hurricane can produce sound only by its impact on the objects that resist it—the trees, the cornices and eaves, overhead power lines whining in the gale.

For these and for other reasons the sounds of the winds are almost impossible to record and reproduce with realism. They are transient in nature, intangible; mockingly they challenge cartridges, amplifiers and speakers to recreate them.

A whole side of this record is derived from the movement of air,—fragments of hurricanes, gales, summer breezes, gusts whipping the open wire telephone line high on the slopes of Mt. Washington.

COOK Laboratories

101 Second Street, Stamford, Conn.

So you can't hear High Fidelity? This record is for you!

NY'S AND ORIGINAL PURCHASER HAVE AGREED THIS RECORD SHALL NOT BE SOLD OR USED FOR ANY OTHER PURPOSE

COOK

Sounds of our Times

The Compleat in Fidelity

- 1. *Large Sounds:*
Jets
Steam Trains
- 2. *Medium-Sized Little Sounds:*
Baby, Phone
- 3. *Old Cylinder Recordings:*
Thunderer March, He Goes to Church on Sunday
- 4. *Sounds You Never Expected to Meet:*
Mexican Firecrackers, 1893 Pump,
10,000 Hens, Early American Violinist
- 5. *Technical Section:*
Wide-Range Distortion (Organ, Fly)

1044-A
33¹/₃ RPM
MICROGROOVE

ONLY FOR NON-COMMERCIAL USE ON PHONOGRAPHS IN HOMES

ONLY FOR NON-COMMERCIAL USE ON PHONOGRAPHS IN HOMES

NEW
microfusion
TRADEMARK
PROCESS

NEW

microfusion
TRADEMARK
PROCESS

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COOK

Sounds of our Times

The Compleat in Fidelity

1044-B
33¹/₃ RPM
MICROGROOVE

Wind in the house, wind in the trees . . .

ONLY FOR NON-COMMERCIAL USE ON PHONOGRAPHS IN HOMES

ONLY FOR NON-COMMERCIAL USE ON PHONOGRAPHS IN HOMES

NEW

microfusion
TRADEMARK
PROCESS

NEW

microfusion

PROCESS

TRADE MARK

