<table>
<thead>
<tr>
<th><strong>Title</strong></th>
<th>FBI File 87-HQ-131276: Multi-Frequency Generator...; FBW</th>
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<tbody>
<tr>
<td><strong>Date</strong></td>
<td>1974-03-25</td>
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<tr>
<td><strong>Author(s)</strong></td>
<td>FBI</td>
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<tr>
<td><strong>Abstract</strong></td>
<td>Investigation regarding new blue box disguised as a desk calculator. Response memo from FBI Lab notes that the it is the &quot;most accurate blue box yet submitted&quot; and &quot;utilizes linear integrated circuits (operational amplifiers)... double sided circuit board, precision resistors, and transistorized switching.&quot;</td>
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<tr>
<td><strong>Keywords</strong></td>
<td>FBI; blue box; desk calculator</td>
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<td><strong>Notes</strong></td>
<td>Obtained as part of FOIPA 1065071 (phone freaks).</td>
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<tr>
<td><strong>Source</strong></td>
<td>FBI via FOIA</td>
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This file contains:

- 87-HQ-131276
- And a bunch of assorted field office files that resulted from spam sent out from HQ to all field offices. These were mostly filed in 87-xx-00-xxxx where xx is the field office code.
TO: DIRECTOR, FBI
FROM: SAC, LOS ANGELES (87-36701) (P)
SUBJECT: MULTI-FREQUENCY GENERATOR
USED TO CIRCUMVENT THE
BILLING OF LONG-DISTANCE
TELEPHONE CALLS (BLUE BOX)

DATE: 3/25/74

Enclosed for the Bureau, Dallas, and the Minneapolis Divisions are two copies of two photographs each of a new type of blue box device which is being manufactured in the Los Angeles, California, area.

On 2/19/74, [redacted] advised that he had acquired a multi-frequency generator utilized to circumvent the billing of long-distance telephone calls (a blue box) from a source in the Los Angeles area who had in his possession 5,000 circuit boards which would be utilized in the manufacturing of these blue boxes. Informant related that this blue box was in the form of a desk calculator.

Informant related that the blue box in this form would be a problem to any agency which was seeking such a device unless the agency was aware of its present form.

In view of the fact that many offices throughout the Bureau are in the process of conducting investigations of a Fraud By Wire nature involving the blue box devices, copies of photographs of this device in its present form are being furnished to the Minneapolis and Dallas Divisions for their information. Copies are also being furnished to the Bureau with the suggestion that these photographs be distributed to other offices who are conducting investigation regarding this device.

Please note the following:

0 - Bureau (Encls. 4) (RM)
2 - Dallas (Encls. 4) (RM)
2 - Minneapolis (Encls. 4) (RM)
3 - Los Angeles

By U.S. Savings Bonds Regularly on the Payroll Savings Plan
The Los Angeles Office at the present time is obtaining photographs of the interior of this blue box and upon completion of this examination and photographing, it will be transmitted to the Radio Engineering Section of the FBI Laboratory for their perusal.

The informant is continuing to ascertain the identities of the individuals responsible for the manufacturing of this device and its distribution.

Investigation continuing at Los Angeles concerning instant matter.
TO       DIRECTOR, FBI

FROM       LOS ANGELES (87-36701)(P)

SUBJECT:   MULTI-FREQUENCY GENERATOR UNIT TO CIRCUMVENT THE BILLING OF LONG DISTANCE TELEPHONE CALLS, (BLUE BOXES), FRAUD BY WIRE

DATE:  4/9/74

Re Los Angeles letter to the Bureau dated 3/25/74.

Enclosed, under separate cover, for the Radio Engineering Section, FBI Laboratory, is a blue box simulated to represent a desk calculator, one black case, and one ear plug, along with instructions to utilize this box.

Acquired enclosed blue box from one of his sources in the Los Angeles area. He indicated these blue boxes are being produced in the Los Angeles area and that approximately 5,000 circuit boards are being utilized in the manufacturing of these blue boxes. He related the blue box has been made in a form of a desk calculator and would not be detected in a search of the premises by police officers looking for a blue box.

The device is activated when the ear piece is plugged into the calculator and the set is turned on.

The information furnished by the informant has been made available to the Pacific Telephone Company as well as the General Telephone Company, of the Los Angeles area in order that they may be aware of this new type of blue box device.

The informant has furnished the Los Angeles Division of the FBI with this new type of blue box device and this device is being sent to the FBI Laboratory, Radio Engineering Section, for their examination and need not be returned to the Los Angeles Division.

3 - Bureau
   (1 - Package copy) (Attn: Radio Engineering Section) (KM) 565
2 - Los Angeles
   (1 - )

MAY 15 1974 U.S. Savings Bonds Regularly on the Payroll Savings Plan
Within the last two weeks special agents of the Pacific Telephone Company conducted a search of the residence of an individual in the Los Angeles area seeking a blue box and found five of the type which the informant furnished the Los Angeles Office.
SAC, Los Angeles (87-36701)

Director, FBI (87-131276)

MULTI-FREQUENCY GENERATOR
UNIT TO CIRCUMVENT THE
BILLING OF LONG DISTANCE
TELEPHONE CALLS (BLUE BOXES),
FRAUD BY WIRE

June 11, 1974

1 - Mr. Gebhardt
(Attn: Mr. L. S. Mohr)

1 -

1 -

Re Los Angeles letter 4/9/74, forwarding a blue box for retention by the FBI Laboratory.

The Radio Engineering Section has had an opportunity to examine the device you submitted. It will be particularly useful in making comparisons with similar devices which may be submitted in the future. Its disguise as a desk calculator is effective and in operation it is probably one of the most accurate blue boxes yet submitted.

The device uses linear integrated circuits (operational amplifiers) as oscillators providing a high degree of reliability. Its double-sided circuit board, precision resistors, and transistorized switching are all indicative of its sophisticated design. Overall, the device has the appearance of having been commercially produced.
Airtel

To: SAC, Albany

From: Director, FBI

1 - Each Assistant Director

MULTI-FREQUENCY GENERATOR
UNIT TO CIRCUMVENT THE
BILLING OF LONG DISTANCE
TELEPHONE CALLS (BLUE BOXES),
FRAUD BY WIRE

Attached for all Offices are two copies of a
photograph of captioned blue box.

A Los Angeles source recently acquired this blue
box which is being produced in the Los Angeles, California,
area.

An examination by the Bureau Laboratory, Radio
Engineering Section, revealed the following noteworthy
characteristics of this blue box:

1. It is disguised as a desk calculator and has
   appearance of being commercially produced.

2. Most accurate blue box yet to be submitted.

3. Utilizes linear integrated circuits (operational
   amplifiers) as oscillators providing a high
degree of reliability.

Enclosures (2)

2 - Each Field Office (Encl - 2)}

MAIL ROOM ☐ TELETYPExE UNIT ☐
Airtel to SAC, Albany
RE: MULTI-FREQUENCY GENERATOR UNIT

4. Has a double sided circuit board, precision resistors, and transistorized switching, all of which are indicative of its sophisticated design.

5. Blue box is activated when ear piece is plugged into the calculator and set is turned on.

The above should be brought to the attention of appropriate personnel of each Office and security personnel of telephone companies.

NOTE: This airtel describes and attaches photographs of a highly sophisticated unusual blue box submitted by a Los Angeles source recently. The airtel describes noteworthy characteristics of this blue box which was examined by the Radio Engineering Section of the Laboratory. The unusual nature of this blue box necessitates all Offices and appropriate security personnel of respective telephone companies to be made aware of this blue box.
MULTI-FREQUENCY GENERATOR
UNIT TO CIRCUMVENT THE
BILLING OF LONG DISTANCE
TELEPHONE CALLS (BLUE BOXES),
FRAUD BY WIRE

Attached for all Offices are two copies of a
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An examination by the Bureau Laboratory, Radio
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1. It is disguised as a desk calculator and has
   appearance of being commercially produced.

2. Most accurate blue box yet to be submitted.

3. Utilizes linear integrated circuits (operational
   amplifiers) as oscillators providing a high
degree of reliability.
Airtel to SAC, Albany
RE: MULTI-FREQUENCY GENERATOR UNIT

4. Has a double sided circuit board, precision resistors, and transistorized switching, all of which are indicative of its sophisticated design.

5. Blue box is activated when ear piece is plugged into the calculator and set is turned on.

The above should be brought to the attention of appropriate personnel of each Office and security personnel of telephone companies.
To: S.C., Albany
From: Director, FBI

MULTI-FREQUENCY GENERATOR
UNIT TO ENSURE THE
BILLING OF LONG-DISTANCE
TELEPHONE CALLS (BLUE BOXES),
FRAUD BY WIRE

Attached for all Offices are two copies of a
photograph of captioned blue box.

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area.

An examination by the Bureau Laboratory, Radio
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1. It is disguised as a desk calculator and has
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2. Most accurate blue box yet to be submitted.

3. Utilizes linear integrated circuits (operational
amplifiers) as oscillators providing a high
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Enclosures (2)

2 - Each Field Office (Encl - 2)
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5. Blue box is activated when ear piece is plugged into the calculator and set is turned on.

The above should be brought to the attention of appropriate personnel of each Office and security personnel of telephone companies.
To: SAC, Albany

From: Director, FBI

MULTI-FREQUENCY GENERATOR
UNIT TO CIRCUMVENT THE
BILLING OF LONG-DISTANCE
TELEPHONE CALLS (BLUE BOXES),
FRAUD BY WIRE

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Enclosures (2)
Airtel to SAC, Albany
RE: MULTI-FREQUENCY GENERATOR UNIT

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The above should be brought to the attention of appropriate personnel of each Office and security personnel of telephone companies.
To:  S.C., Albany

From:  Director, FBI

MULTI-FREQUENCY GENERATOR
UNIT TO CIRCUMVENT THE-
BILLING OF LONG DISTANCE
TELEPHONE CALLS (BLUE BOXES),
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Attached for all offices are two copies of a
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2 - Each Field Office (Encl - 2) /+}

Airtel to SAC, Albany
RE: MULTI-FREQUENCY GENERATOR UNIT

4. Has a double sided circuit board, precision resistors, and transistorized switching, all of which are indicative of its sophisticated design.

5. Blue box is activated when ear piece is plugged into the calculator and set is turned on.

The above should be brought to the attention of appropriate personnel of each Office and security personnel of telephone companies.
File No. 87-00-204-1A
Date Received 6/18/74
From Director
(Name of Contributor)

(Address of Contributor)

By
(Circle of Special Agent)
To Be Returned Yes ( ) No ( )

Description:
2 photos of Blue Box