

THE EMERGENCY BROADCAST SYSTEM

RADIO BROADCAST
EMERGENCY ALERT SYSTEM

The FCC EAS Handbook

KFJC 89.7 FM

Welcome to the EMERGENCY BROADCAST SYSTEM



Fig 01: The TFT EAS 911 Box

When a message comes in on the **TFT EAS 911**
the box on the right side of Master Studio:

You must determine which type of message it is.

The type of EAS message it is determines how it effects ON AIR programming:

EAS TYPE	Description	FCC EAS Handbook	URGENCY
EAN	Emergency Action Notification (Presidential Level - National)	Page 4	Immediate
EAT	Emergency Action Termination (Presidential Level - National)	Page 14	Immediate
xxx	State and Local Emergency Activation, Amber Alerts	Page 19	Immediate
RWT	Required Weekly Test	Page 25, 27	Randomly Scheduled
RMT	Required Monthly Test	Page 25, 28	Within 60 minutes

Emergency Activation and Termination Messages

There are messages issued by the White House. Yes, ***that*** White House. When Activated, normal KFJC station operations cease completely and the procedures in this FCC EAS Handbook, starting on Page XX will be followed.

When Terminated and Processed as described on page XX, KFJC resumes normal operation.

State and Local Activation

There are numerous different kinds of State and Local messages, ranging from Emergencies, Severe Weather Warnings and Watches of different types, Earthquake, Flooding and Mudslide alerts, as well as Civil Emergencies (from Alien Invasion to the Lepus are coming!) to Child Abductions (Amber Alerts).

Amber Alerts (Child Abductions) appear under event code **CEM (Civil Emergency Message)** but also should appear under as **CAE (Child Abduction Emergency)**.

Required Weekly Test (RWT)

Required Monthly Test (RMT) scheduled and Logged by KFJC's Traffic Department for the second Tuesday of Odd Months, or as needed for Training.

Required Monthly Test (RMT)

Randomly scheduled by the EAS authorities. When KFJC receives a **Required Monthly Test (RMT)** from our primary or secondary station, we must Re-Transmit the **RMT** within 60 minutes of the timestamp on the TFT EAS 911 — *not* when you discovered it.

When An EAS Message Comes In:

Most likely an incoming EAS message will be a **Required Weekly Test (RWT)** or a **Required Monthly Test (RMT)**. The printed paper tape will tell you which code it is.

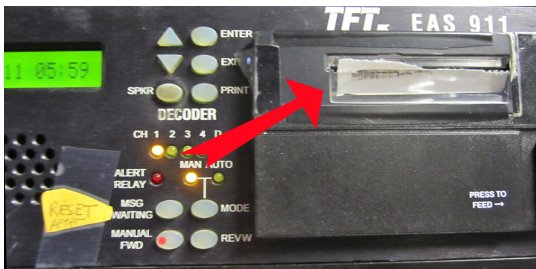


Fig 02: Printed paper tape from the TFT EAS Box

Receiving a Required Weekly Test (RWT)

1. Press the "MSG WAITING" button to turn it off (it should be flashing).
2. Remove printer tape and tape to the bottom of the second page in the LOG.
3. Log the time received.

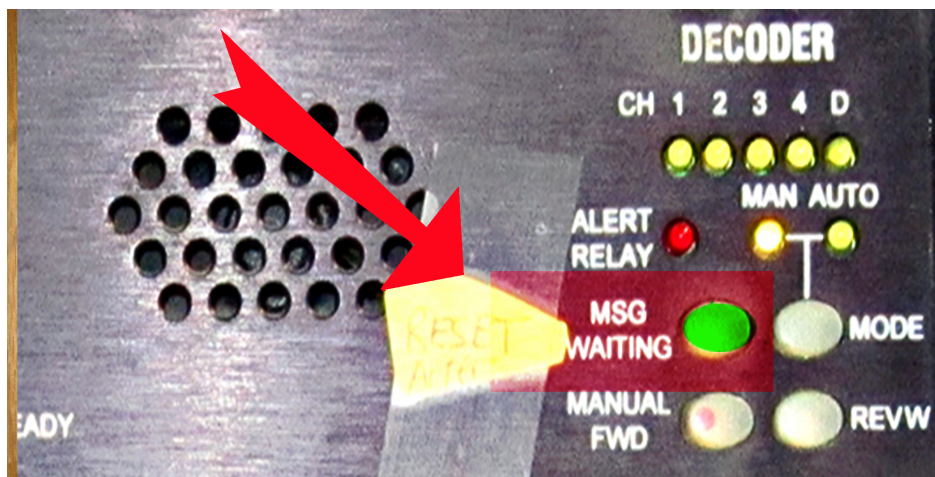


Fig 03: **Message Waiting** Button on the TFT EAS Box

Receiving a Required Monthly Test (RMT)

1. Press the “MSG WAITING” button to turn it off (it should be flashing).
2. Remove printer tape and tape to the bottom of the second page in the LOG.
3. Log the time received.



Fig 04: The **EAS** button on the Studio Board. It runs on **Input B**.

Sending a Required Weekly Test (RWT)

1. Locate **EAS Mini-disc** & insert into mini-disc player.
Tap the Play button on the mini-disc player once to cue it.
2. On the Studio Board, Turn ON Channel 1. Input B “EAS”.
Set Fader to 10., in Program.
3. Make sure “Practice” button is *not* lit on the TFT EAS.
4. At the first break in Programming, play the first part of the **EAS mini-disc**.
5. At the cue, press the **RWT** button.
The TFT EAS 911 box sends out a series of three long bursts and then three short bursts of data.
(Takes about 5 seconds)
6. Play the next track on the mini-disc.
This concludes the **RWT**.
7. Resume programming.
8. Tape RWT printer tape to Log, and Log appropriately with Time Received and Time Sent.

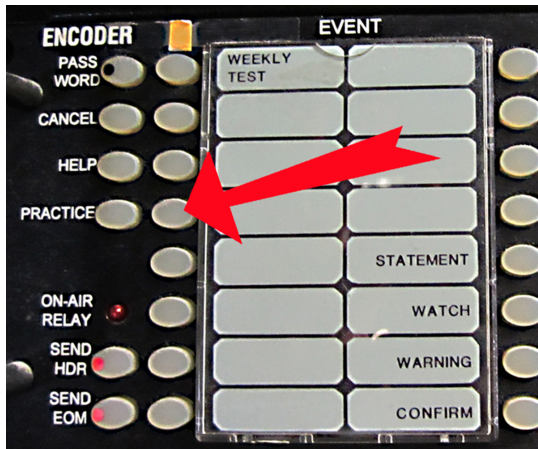


Fig 05: **Practice** button on the TFT EAS Box (should be off)



Fig 06: **Required Weekly Test (RWT)** button on the TFT EAS Box



Fig 07: Close up of the **EAS** button on the **Studio Board**. It runs in Input B.

Sending a Required Monthly Test (RMT)

KFJC does not generate RMTs, we re-Transmit them like Alerts, but within 60 minutes of reception timestamp.

1. Locate **EAS Mini-disc** & insert into mini-disc player.
Tap the Play button on the mini-disc player once to cue it.
2. On the Studio Board, Turn ON Channel 1. Input B "EAS".
Set Fader to 10., in Program.
3. If the "MSG WAITING" button is flashing, press it to turn it off
4. Make sure "Practice" button is *not* lit on the TFT EAS box.
5. At a break in Programming, play the first part of the **EAS mini-disc**.
6. Press the **Manual Forward** button on the TFT EAS box.
The TFT EAS 911 box will send out the HDR (data tones),
alert tones (dual audio tones),
the message text of the RMT will be spoken,
then the End of Message (EOM) - three short bursts will be sent.
7. Resume programming.
8. Tape RWT printer tape to Log, and Log appropriately with Time Received and Time Sent.



Fig 08: The **Manual Forward** button on the TFT EAS box.

Training / Practice Sending an EAS Required Weekly Test (RWT)

Pick a time when there is a long program in play to have fun with the TFT EAS 911 box!
What could be more rewarding?

1. On the Studio Board, Turn ON Channel 1. Input B "EAS".
Set Fader to 10., in Program.
2. Set Monitor to Utility.
3. Make sure "Practice" button is *not* lit on the TFT EAS box.
4. If the "MSG WAITING" button is flashing, press it to turn it off
5. Play the first part of the **EAS mini-disc**.
6. At the cue, press the **RWT** button.
The TFT EAS 911 box sends out a series of three long bursts and then three short bursts of data.
(Takes about 5 seconds)
6. Play the next track on the mini-disc.
This concludes the **RWT**.
7. Reset Monitor to **AIR**.
8. Resent Ch 1 to **Program**.
9. Discard the printed paper tape.
10. Resume programming.

