

Summer Radio Camp - Build an FM Broadcast Transmitter

A four day workshop session sponsored by Free Radio Berkeley to teach you how to build FM broadcast transmitters (and other related items such as antennas) and set up a low power (15-100 watt) community radio station capable of covering a broadcast radius between 5 and 15 miles depending on power, terrain and antenna height.

With an emphasis on direct, hands-on learning, you will learn how to solder, identify electronic components, assemble a 40 watt transmitter from a kit of parts, build and tune an antenna, properly setup and test broadcast equipment and much more. Further, you will be given an overview of basic electronics and broadcast engineering. A workshop fee of \$200-\$250 sliding scale is charged. At the end of the radio camp session you may purchase the 40 watt transmitter for \$350 - the cost of the kits involved.

All Radio Camp sessions will be held at Free Radio Berkeley's shop in Oakland, CA. FRB's Micropower Broadcasting Primer, available on the web site www.freeradio.org, is used as one of the primary documents for the sessions. Anyone interested in attending should download this document which is in pdf format.

Sessions start at 10 am and end at 6 pm everyday.

Attendees should arrange for their own housing needs. By prior request, we can check on the availability of housing with a local host. Short-term rooms can be found on Craigslist for the SF Bay area.

To register, please send your name and contact information to Free Radio Berkeley via email or regular mail. Indicate which session you would to attend.

Contact Free Radio Berkeley for further information

Free Radio Berkeley
1442A Walnut St.
Suite 406
Berkeley, CA
94709
510-625-0314
xmtrman@pacbell.net
www.freeradio.org

Radio Summer Camp Details

Location

Radio Camp sessions are at the Free Radio Berkeley shop in Oakland, California. Address is 2311 Adeline St., unit P. Between 23rd St. and West Grand. Phone number is 510-625-0314

Driving directions

From south of Oakland - Take 880 to downtown Oakland, follow the right hand split to 580 and take the 17th/18th Streets exit. Go to 18th street and turn left. Go about 4 blocks to Adeline. Turn right onto Adeline. Proceed up Adeline to West Grand, stay in the left lane. Cross West Grand and look for 2311 Adeline, it is on the left. Find a place on the street to park. Go to the first gate where there is intercom box, push the button for Free Radio Berkeley. Someone will answer and open the gate

From San Francisco - after crossing the Bay Bridge look for the West Grand exit. Take that exit and proceed toward downtown Oakland, staying on West Grand. You will go under another freeway and then cross Mandela Parkway. About 3-4 blocks further is Adeline, turn left and proceed as above.

From north of Oakland - take 880 toward Oakland. After passing the Powell street exit in Emeryville, get in the 3rd lane from the left. This lane can go either to Oakland or San Francisco when it splits, bear to the left following the 880 sign for the Oakland airport. Shortly after the split take the first exit for West Grand. At the end of the ramp turn left onto West Grand. You will then cross Mandela Parkway. About 3-4 blocks further is Adeline, turn left and proceed as above.

From east of Oakland via 580 or 24 - follow the signs for 980 to downtown Oakland and take the 18th St. exit. Go to the end of the ramp, stay to the right and turn right onto 18th street. Go about 4 blocks to Adeline. Turn right onto Adeline. Proceed up Adeline to West Grand, stay in the left lane. Cross West Grand and look for 2311 Adeline, it is on the left. Proceed as above.

Public Transit

One bus line, the NL, goes directly to and from the Transbay Terminal in San Francisco via West Grand. There are bus stops at the corner of Adeline and West Grand, about 100 feet or so from the FRB shop. Another bus line, the 14, does a loop between downtown Oakland and Mc'Arthur BART station. It goes up and down Adeline. There is a shuttle between the Coliseum BART

station and the Oakland Airport. BART directly serves the SF Airport.

Motels and Housing

Motels close by, check the travel web sites for the best deals and locations.

Jack London Inn
444 Embarcadero
Oakland, California 94607
866-614-9330

Best Western Inn At The Square
233 Broadway, Oakland, California 94607-3802
Phone: 510-452-4565 Fax: 510-452-4634

Courtyard By Marriott Oakland Downtown
988 Broadway
Oakland, CA 94607

The Berkeley YMCA has rooms available -
http://www.baymca.org/index.php/d_hotel.html

There are a number of hostels in San Francisco. Average charge for a dorm type room is \$20-\$25 a night.

The Green Tortoise Hostel
494 Broadway
San Francisco, CA. 94133
Tel. (415) 834-1000
E-mail: hostel@greentortoise.com

HI-SF City Center
685 Ellis St, San Francisco, CA 94109-8027
Open 24 hours
Phone: 415/474-5721
E-mail: sfcitycenter@norcalhostels.org
HI-SF Downtown
312 Mason St, San Francisco CA 94102-1704
Open 24 hours
Phone: 415/788-5604
E-mail: sfdowntown@norcalhostels.org
HI-SF Fisherman's Wharf
Fort Mason, Bldg 240, San Francisco, CA 94123-1303
Open 24 hours
Phone: 415/771-7277
E-mail: sfhostel@norcalhostels.org

Adelaide Hostel

5 Isadora Duncan Lane
San Francisco, CA 94102
(415) 359-1915 U \$17-\$20
info@adelaidehostel.com
www.adelaidehostel.com

Globe Hostel
10 Hallam Place
San Francisco, CA 94103
(415) 431-0540 U \$15 & up
Gspot@globe-hostel.com
www.globe-hostel.com

Wow - No Ordinary Hostel. The Globe is a 24 Hr. Experience
Funky-International-Safe-Clean-Provocative-Fun-Friendly
Dorm Beds & Private Rooms. Shower/Bathroom In Every Room

Globetrotters Inn Hostel
225 Ellis Street
San Francisco, CA 94102
(415) 346-5786 U \$17
globetrottersinn@yahoo.com
www.globetrottersinn.com

555 Haight
555 Haight Street
San Francisco, CA 94117
(415) 551-2555 U \$20

International Guest House
2976 23rd Street
San Francisco, CA 94110
(415) 641-1411 U \$16

International Student Center
1188 Folsom Street
San Francisco, CA 94103
(415) 255-8800 U \$15

New Central Hotel and Hostel
1412 Market Street
San Francisco, CA 94102
(415) 703-9988 U \$20

Pacific Tradewinds Hostel
680 Sacramento Street
San Francisco, CA 94111
(415) 433-7970 U \$17-\$18
info@pactradewinds.com
www.sanfranciscohostel.org

Lonely Planet Rated Us The Friendliest Hostel in SF. 24-Hour Access, Free High Speed Internet, Free Tea/Coffee Fully Equipped Kitchen, Free Linen, Free Security Box International Fun and Friendly Staff. Best Location

Pontiac Hotel and Hostel
509 Minna Street
San Francisco,, CA 94103
(415) 863-7775 U \$20

USA Hostels San Francisco
749 Taylor Street
San Francisco,, CA 94108
1(877)483-2950 U \$16-\$20
sanfrancisco@usahostels.com
www.usahostels.com