How to Build a Private Pirate TV Station

What you will need (part 2)

- Yagi or dipole antenna according to Broadcast Frequency (the lower the frequency the larger [and pricier] the antenna must be). It’s quite hard to find the right antennas, and the best people to ask for advice are HAM radio amateurs.
- There is a good portable antenna called „flexyagi 705“ (flexyagi.de) which is produced by a german HAM radio company. Because the HAM radio band lies just beneath the UHF band, the antenna can be used for broadcasts on channel 21 (490-494 MHz). The antenna is also small enough to carry around. 
- Hexyagi 7015: 6 UCB, see flexyagi.de

Setup with two Signal Amplifiers

Step 1: Connect TV/VCR OUT-connector of your HF modulator to the IN-connector of your first signal amplifier with (short) coaxial cable (male F-connectors on both sides).

Step 2: Connect OUT-connector of your first signal amplifier to the IN-connector of your second signal amplifier with (short) coaxial cable (male F connectors on both sides).

Step 3: Connect OUT of your second signal amplifier to antenna. Your antenna will normally have an N connector - you can use a coaxial with Female N-plug and connect the Female to BNC plug and from the BNC plug to N plug.

Step 4: Connect antenna input to your HF modulator with Coax Cable. The input can be a computer, a DVD player, video recorder, video mixer, etc.

Open Source Video Workshop

Your Own Private Pirate TV Station

Making P2P Television

With Mediengruppe Bitnik (ch)

Thursday, November 20, 2008, 10:00 - 13:00h

Contact: mediengruppe@planofabrik.ch

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