

ACCRA 2015 Indymedia Convergence

Technical "Wish List"

Last Updated July 27, 2015

Freedom Fone Workshop & Build:

4 Dedicated Computers (Min Specs: 2 GB RAM, 2.5 GHz + dual/quad core, 250GB + HD, soundcard, ethernet port)
4 GSM Devices (Huawei E175 dongles)

LPFM Radio Workshop & Build

2 Transmitters & Power Supplies	3 Solders
2 Amplifiers	Screws
1 SWR	2 Clamps
2 Cable-30mts	Paste
15 Connectors	Silicone
1 Antenna analyzer	Electrical tape
1 Mixer	25 Transistors
2 Microphones	25 Resistors
2 Speakers	25 Capacitors
2 Sets of headphones	10 Audio jacks
2 Voltage Regulators	2 Circuit boards
2 Multi Contact Voltage AC s	12v electrical cable
3 Soldering Irons	3 Voltage jacks
Pliers	Aluminum tubing
Drill and drill bits	6 RF connectors
1 Hacksaw	6 Audio adaptors and connectors
2 Multi-meters	broadcast console
3 Screwdrivers	mic booms
Scissors	

Workspace Setup

1 desktop computer or server for network storage, proxy, routing (4x 1.0 TB HDD, no monitor or peripherals needed)
A WiFi routers (A/B/G)
A ADSL modem/routers
20 ethernet wires CAT5 á 5 meters
20 ethernet wires CAT5 á 2 meters
5 LED/energy saving light bulbs
2 power cords á 20 meters
4 power cords á 5 meters
2 non-fused power distribution strips á 5 outlets
10 replacement fuses for residential building
100 wall mounting ethernet/power cable clamps/slings
2 universal power supplies (UPS): 2 x USD 150,-
bulk CAT5 ethernet cable, 50 meters
10 RJ-45 connectors/plugs
1 CAT5 de-isolation pliers
1 RJ-45 crimping pliers
1 CAT5e cable tester

Production Equipment

4 portable digital audio recorders
4 USB mouses: 4 x USD 10,-
Monochrome Network Laser Printer
2 headphones: 2 x USD 75,-
Handheld projectors
5 USB card reader (multiple formats): 5 x USD 20,-
1 desktop/notebook extension card for A/D video conversion