



Disaster Radio Equipment Checklist



MIXER

- Tascam Mixcast 4** (Qty: 1)
Includes USB-C to USB-C cable
 - SD Card (smallest capacity OK)** (Qty: 1)
Example link is 64GB
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LAPTOP

- Laptop** (Qty: 1)
Spec minimum:
 - Windows 11 Home (not S)
 - 14–15" screen
 - 512GB storage minimum
 - 8GB RAM minimum
 - USB-A, USB-C, HDMI preferred
 - Avoid Celeron
 - Wireless Mouse (USB-A dongle, NOT Bluetooth)** (Qty: 1)
 - Batteries for the mouse** (if not supplied)
 - USB-C Hub with HDMI + VGA** (Qty: 1)
For training output
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MOBILE PHONE (Suitcase Unit)

- Mobile Phone (Unlocked)** (Qty: 1)

Suggested: Samsung A15

Spec minimum:

- 64GB storage
- Dual SIM
- SD slot
- 8 hr real battery life
- USB, WiFi, Bluetooth
- FM Radio
- 3.5mm TRRS headset socket

- USB Cable for phone** (if not supplied)

- Emergency phone charger** (if not supplied)
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MICS / EARPHONES



Mic Headsets

- Audio Technica BP-HS1** (Qty: 2)
XLR male mic + 6.35mm stereo headphone

OR

- Beyerdynamic DT297** (Qty: 2)



Adapters

- 3.5mm TRS (F) → 6.35mm TRS (M), 90° (Qty: 2)
 - 6.35mm TRS (F) → 6.35mm TRS (M), 90° (Qty: 2)
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Field Recording Accessories

- Rode VideoMic Me (TRRS)** (Qty: 2)

- Lightning → TRRS adapter (Qty: 2)
 - USB-C → TRRS adapter (Qty: 2)

 - Small mic tripod (Qty: 2)
 - Mic clamp (Qty: 2)

 - 1.5m TRRS extension cable (Qty: 2)

 - Rode VXL Pro (phantom to XLR adapter) (Qty: 2)
 - Rode SC3 (TRRS F → TRS M) (Qty: 2)

 - Wired Earbuds (NO MIC, TRS 3.5mm) (Qty: 2)
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MONITOR SPEAKERS

- Powered soundbar (USB powered, 1/8" stereo input, physical volume knob) (Qty: 1)
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LIGHTING

- USB work light with clamp (Qty: 1)
 - Extra USB-C to USB-C 1m cable (Qty: 1)
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POWER

- TalentCell Mini UPS SL3400 (Qty: 1)
 - Inline 12.6V 3A charger replacement (Qty: 1)
 - IEC C14 splitter to C7 + C5 cable (Qty: 1)
 - IEC to country wall plug adapter (Qty: 1)
 - Specialized 12V DC power cable with locking screw plug for Tascam (Qty: 1)
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CASE & BAG OPTIONS (Choose One Configuration)

Option 1 – Backpack Only

- 55L Backpack
 - TSA Padlock (Qty: 2)
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Option 3 – Large Case

- Peli Air 1607 Flight Case
 - TSA Padlock (Qty: 1)
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TRANSMITTER OPTIONS

Option 1 – Mini FM Bundle

- CZE-15A 15W FM transmitter (Qty: 1)
 - 10m coax antenna cable (Qty: 1)
 - 10m 3.5mm TRS to TRS studio cable (Qty: 1)
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Option 2 – Full Power Accessories

- 2x XLR → 3.5mm TRS cable (Qty: 1)
- ART DTI Unbalanced → Balanced converter (Qty: 1)
- 6.35mm TRS → dual RCA cable (Qty: 1)

- Custom 15m XLR studio → transmitter cable (Qty: 1)

Antenna Recovery Kit Checklist

Core Equipment

- Label AKS/1N Foldable Broadband Dipole Antenna (800W)** (Qty: 1)
Save the original box (use for packing in bag)
- LMR400 Main Coax Cable – 20m – N (M) connectors both ends** (Qty: 1)
Tip: McGill “Build-a-Cable” feature allows custom length & connectors

- LMR400 Spare Coax Cable – 15m – N (M) connectors both ends** (Qty: 1)
 - 61-Key Soft Keyboard Bag** (~1060 x 450 x 180mm) (Qty: 1)
Used as antenna transport bag
 - N-Type Female to Female Barrel Adaptors** (Qty: 2)
 - 7/16 DIN (M) to N (F) Adaptor** (Qty: 1)
 - MFJ-260CN 50Ω 300W Dry Dummy Load (with N connector)** (Qty: 1)
 - △ Ensure model is 260CN (NOT 260C)
 - Save the original box
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Recommended Local Purchase Items

(These can usually be sourced locally in-country)

Rope

- Coloured nylon rope – 25m (Qty: 4)
 - Different coloured nylon rope – 20m (Qty: 4)
 - Third colour nylon rope – 100m (Qty: 1)
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Tools

- Adjustable spanner (fits 19mm nut) (Qty: 2)
 - Multi-tip screwdrivers (Phillips + Flathead) (Qty: 2)
 - Electrical tape (Qty: 2 rolls)
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Packing Notes

- Save antenna box for protection inside bag
- Save dummy load box for protection
- Store adaptors in a labelled pouch
- Keep rope colours separated for rapid deployment

