

■ Ghetto Crew - Zentrales Wiki & Konfiguration

Zentrales Verzeichnis für alle wichtigen Parameter, Anweisungen und Dokumentationen

■ Struktur

```
docs/
  README.md
  config-parameters/
    config.txt-reference.md
    dtoverlay-reference.md
    moOde-settings.md
    hardware-specific.md
  instructions/
    build-process.md
    deployment.md
    hardware-setup.md
    troubleshooting.md
  quick-reference/
    hardware-overview.md
    commands.md
    features.md
  hardware-setup/
    ghetto-blaster.md
    ghetto-boom.md
    ghetto-moob.md
    ghetto-scratch.md
  ← Du bist hier
  ← Alle Konfigurationsparameter
  ← config.txt Parameter-Referenz
  ← Device Tree Overlays
  ← moOde-spezifische Einstellungen
  ← Hardware-spezifische Configs
  ← Schritt-für-Schritt Anleitungen
  ← Build-Prozess
  ← Image-Deployment
  ← Hardware-Setup
  ← Fehlerbehebung
  ← Schnellreferenzen
  ← Hardware-Übersicht
  ← Wichtige Befehle
  ← Feature-Übersicht
  ← Hardware-Details
  ← Pi 5 Setup
  ← Pi 4 (Boom)
  ← Pi 4 (Moob)
  ← Pi Zero 2W Setup
```

■ Quick Links

****Konfiguration****

- [config.txt Parameter-Referenz](config-parameters/config.txt-reference.md)
- [Device Tree Overlays](config-parameters/dtoverlay-reference.md)
- [moOde Settings](config-parameters/moOde-settings.md)

****Anleitungen****

- [Build-Prozess](instructions/build-process.md)
- [Deployment](instructions/deployment.md)
- [Hardware-Setup](instructions/hardware-setup.md)

****Hardware****

- [Hardware-Übersicht](quick-reference/hardware-overview.md)
- [Ghetto Blaster (Pi 5)](hardware-setup/ghetto-blaster.md)
- [Ghetto Boom/Moob (Pi 4)](hardware-setup/ghetto-boom.md)
- [Ghetto Scratch (Pi Zero 2W)](hardware-setup/ghetto-scratch.md)

■ Wichtige Parameter (Kurzübersicht)

****config.txt - Wichtigste Parameter****

Parameter Wert Beschreibung
----- ----- -----
dtoverlay=hifiberry-amp100 automute HiFiBerry AMP100 HAT
dtoverlay=vc4-kms-v3d-pi5 noaudio Pi 5 Display (KMS)
hdmi_cvt 1280 400 60 6 0 0 0 Custom Display Resolution
display_rotate 3 Display Rotation (180°)
dtparam=i2c_arm on I2C aktivieren
dtparam=i2s on I2S aktivieren

Vollständige Liste: [config.txt-reference.md](config-parameters/config.txt-reference.md)

■ Hardware-Übersicht

Device Raspberry Pi HAT Display Audio
----- ----- ----- ----- -----
Ghetto Blaster Pi 5 HiFiBerry AMP100 1280x400 Touch 2x Bose 901 + Fostex
Ghetto Boom Pi 4 HiFiBerry BeoCreate - 8x Bose 901 + Fostex
Ghetto Moob Pi 4 HiFiBerry BeoCreate - 8x Bose 901 + Fostex
Ghetto Scratch Pi Zero 2W HiFiBerry DAC+ ADC Pro - Phono Preamp

Details: [hardware-overview.md](quick-reference/hardware-overview.md)

■ Features

- **Flat EQ Preset** - Factory Flat EQ für alle Treiber
- **Room Correction Wizard** - Browser-basierte Raumkorrektur
- **PeppyMeter Touch Gestures** - Touch-Gesten für Display
- **MM/MC Phono Presets** - Vinyl-Equalisierung (geplant)
- **CamillaDSP Integration** - Convolution Filters

Details: [features.md](quick-reference/features.md)

■ Weitere Dokumentation

- **Projekt-Status:** `PROJECT_STATUS_OVERVIEW.md`
- **System-Architektur:** `COMPLETE_HI FI_SYSTEM_ARCHITECTURE.md`
- **Hardware-Spez:** `RASPBERRY_PI_HARDWARE_SPECS.md`
- **Build-Status:** `BUILD_SUCCESS_SUMMARY.md`

Letzte Aktualisierung: 2025-12-07