

HUMAN ERROR SYNTH REPAIR
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Service report

Date: Feb 15, 2022

Manufacturer Roland

Model JX3P en PG200

Serial number 385882

Customer Gerlof Jorritsma

Address

Notes

Preliminary Problem Description

Some keys do not respond

Repair Summary

Severe corrosion removed and damaged component and traces restored.

Functionality Check (if applicable)

- ☒ ~~Front panel controls~~
- ☒ ~~Basic in/out~~
- ☐ MIDI
- ☐ CV/Gate
- ☐ Patch memory
- ☒ ~~Advanced in/out~~

☐ Tuning

Problems Found

Besides some keys not functioning, some voices would have lower volume and distortion on the pitch. After investigation severe corrosion was found on several places, including around some voices.

Repair details

Removed corrosion from voice board, and replaced several corroded components. In the keybed the same corrosion was found between several keys that had corroded several diodes and contaminated the key membranes.

All corrosion was completely removed and damaged components and tracks were replaced and restored.

Internal battery measures 3.2V.

Some maintenance was performed on the front panel controls to eliminate crackling.

Replaced components

[illegible]