

**Triax A/S**

**TDX/TDH800 Release**

**4.3.1.39054**

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**SUMMARY**

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**Release description of TDX and TDH800 software release**

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## **TDX & TDH800 Public Release description**

### **1 Introduction**

**Purpose of this document is in short to describe features delivered in the software version it refers to.**

### **2 Requirements**

**This release supports all TDX and TDH800 hardware, except prerelease modules shipped without serial number (before 2010-12-08).**

### **3 New features**

**List of new features added in release 4.3.1.39054, since last release 4.2.1.38888.**

#### **3.1 BE-digital:**

- It is possible to drop NIT at QAM and COFDM outputs by disable ‘NIT tables’ at the Network page.**

The screenshot shows the TDX Service Tool interface under the 'Network' tab. On the left, there are two main sections: 'COFDM' and 'QAM'. Under 'COFDM', fields include 'Network ID' (40000), 'Network name' (TDX-COFDM), and 'Orig. network ID' (43962). Under 'QAM', fields include 'Network ID' (50000), 'Network name' (TDX-QAM), and 'Orig. network ID' (70). Shared settings include 'Manual transportstream ID' (unchecked), 'Use static NIT version' (unchecked), 'NIT version' (-1), 'Enable CAT tables' (checked), and 'Enable NIT tables' (checked). On the right, a table lists services with their LCN numbers and HQ LCN status. The table has columns for 'Services', 'LCN number', and 'HQ LCN (enable)'. Services listed include ZDFInfo HD (9), zdf\_neo HD (10), ZDF HD (11), WDR Köln (8), WDR HD Aachen (12), tvtv premium (13), tagesschau24 HD (14), SWR Fernsehen BW (0), SWR BW HD (15), SR Fernsehen HD (0), Sky News Intl (0), Schau TV (0), rbb Berlin HD (0), PHOENIX HD (0), ORF2V HD\_descrambled (2), ORF III HD\_descrambled (3), ONE HD (21), NDR FS HH HD (0), MELODIE TV (0), and MDR S-Anhalt HD (22). A 'Submit' button is at the bottom right of the table.



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- It is possible to adjust the RF output level with 0,5 dB steps.

TDX Service Tool

QAM OUTPUT SETUP (Main unit - Slot 1 - Output 1)

Channel spacing: 8 MHz

Symbol rate: 6900

Manual SDT version: 3

Status: OK; SW-Revision: 4.3.1.39054; Current payload: 31.5 Mb/s; Max payload: 50.9 Mb/s; PAYLOAD

### 3.2 FE:

- The level is now shown in dB $\mu$ V. Before was if shown in dBm

DVB-S INPUT SETUP (Main unit - Slot 5)

Services	Types	SID	■
ATV HD	HDTV	\$ 13228	□
ATV2	TV	\$ 13223	□
ATVsmart	TV	13230	□
Bibel TV HD	HDTV	13224	□
HOPE Channel HD	HDTV	13227	□
MELODIE TV	TV	13229	□
ORF SPORT+	TV	\$ 13221	□
Schau TV	TV	13225	□
Service 13231	TV	13231	□
Service 13232	TV	13232	□
Service 13233	TV	13233	□
Starparadies AT	TV	13226	□
Strong OTA SRT 7510	DATA	13236	□
Volksmusik	TV	13222	□

Warning: Pressing Update removes all selected services

Status: Locked; RSSI: 114 dB $\mu$ V; BER: 1.0e+00; SNR: -10 dB; Locked frequency: 9750; TS symbolrate: 0; Input TS Rate : 33.862 Mb/s; Input TS Lock: Locked; Mapped TS Rate : 32.8 Mb/s; SW-Revision: 4.3.1.39054;



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## **4 Bug fixes**

**List of bug fixes corrected in release 4.3.1.39054, since last release 4.2.1.38888.**

### **4.1 BE digital:**

- NIT generated in the TDX can co-exist at transparent mode. This failure is corrected.**

### **4.2 FE DVB-T2:**

- PLP setting is default set to "0". Error message is corrected and will not be show before a setting is changed.**
- False-positive warning pops up when changing the PLP. Is now corrected the failure message do not pop up.**

### **4.3 GUI:**

- At the network page is the terms COFDM and QAM used instead of DVB-T and DVB-C.**
- Changes at the Network page cannot be saved if no service exist in the pool at all. Now corrected.**

### **4.4 General:**

- Daylight saving for NZ is fixed.**

### **4.5 FE DVB-S:**

- Viasat "use special EIT PID" does not work correctly. Now problem solved.**

### **4.6 IP-out at AUX:**

- EIT barker feature does not work - fixed**