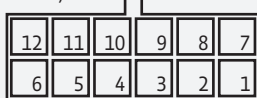


Anschlussplan PTVoiceBox 4G

Artikel-Nummer: 6053-055-001-00

I/O-Anschluss

(Draufsicht – Buchse)

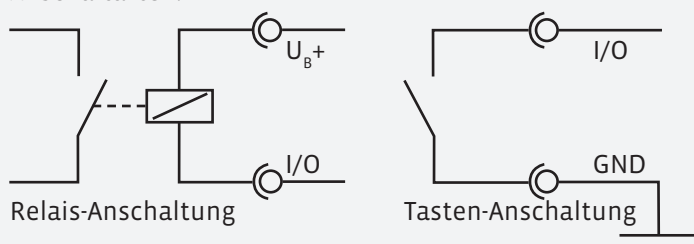


PIN	Signal
1, 2, 3	GND
4, 5, 6	U _B +
7 bis 12	I/O 1 bis 6

VORSICHT:

Am I/O-Anschluss liegt die jeweilige Betriebsspannung des Bordnetzes an. Bitte berücksichtigen Sie das bei der Auswahl Ihrer I/O-Komponenten.

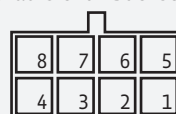
Anschaltarten:



Technische Daten der Anschlüsse finden Sie im Handbuch „I/O-Anschlüsse“. Das Handbuch „I/O-Anschlüsse“ finden Sie unter: www.peitel.de

Kabelsatzanschluss

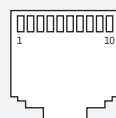
(Draufsicht – Buchse)



1 LSP - (sw)	5 LSP + (ws)
2 ---	6 ---
3 GND (sw)	7 Zündung (ge/sw)
4 Dauerplus (rt)	8 Radiomute (vi)

RS-232-Schnittstelle (RJ50)

(Draufsicht – Buchse)



RJ50-PIN	TPU (DCE)	PC (DTE)	Signal
7	input	output	TxD
8	output	input	RxD
9	GND	GND	GND

DTE: Data Terminal Equipment
DCE: Data Communication Equipment

Abkürzungen

U_B+: Betriebsspannung PTCarPhone
GND: Fahrzeugmasse (Minuspole)
I/O: Schalteingang/Schaltausgang
LSP: Lautsprecheranschluss
TPU: TelePhoneUnit
sw: schwarz
gr: grau
rt: rot
ws: weiß
ge/sw: gelb/schwarz
vi: violett

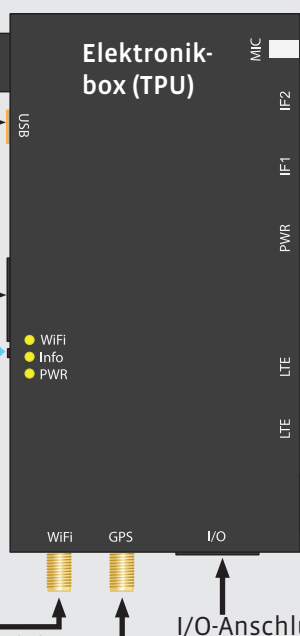
Maximales Anzugsdrehmoment der SMA-Antennen-Anschlüsse: 0,4 Nm

Mini-USB-Anschluss (Modem)

SIM-Kartenhalter (SIM-Karte nicht im Lieferumfang)



Entriegelungstaste



Alle Antennenanschlüsse sind vom Typ SMA.

WiFi-Antenne*
GPS-Antenne*

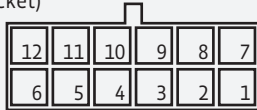
2 LTE-Antennen* oder
LTE-MIMO-Antenne*

TPU-Symbole:	LEDs:
I/O I/O-Anschlüsse	WiFi WiFi-Status-anzeige
LTE LTE	Info Status Mobilfunknetz
MIC Mikrofon	PWR Status Stromversorgung
PWR Stromversorgung	
GPS GPS	
USB USB	
IF1 RS-232 I	
IF2 RS-232 II	
WiFi WiFi	

*Nicht im Lieferumfang

Connection Diagram PTVoiceBox 4G

I/O connections (Top view – socket)

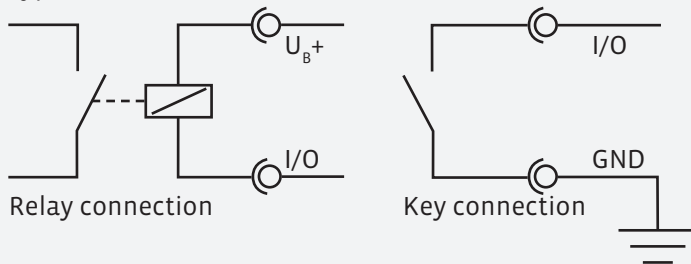


PIN	Signal
1, 2, 3	GND
4, 5, 6	U _B +
7 to 12	I/O 1 to 6

! CAUTION:

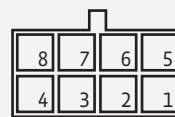
The respective operating voltage of the vehicle electrical system is applied to the I/O connection. Please keep this in mind when selecting your I/O components.

Types of connection:



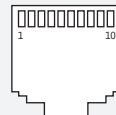
Technical data of the connections can be found in the "I/O connections manual". The "I/O connections manual" can be found at: www.peitel.de

Cable set connection (Top view – socket)



1 LSPK - (blk)	5 LSPK + (wht)
2 ---	6 ---
3 GND (blk)	7 Ignition (yl/blk)
4 Permanent positive (rd)	8 Radio mute (vi)

RS232 interface (RJ50) (Top view – socket)



RJ50-PIN	TPU (DCE)	PC (DTE)	Signal
7	input	output	TxD
8	output	input	RxD
9	GND	GND	GND

DTE: Data Terminal Equipment
DCE: Data Communication Equipment

Abbreviations

U _B +	Operating voltage PTCarPhone
GND:	Vehicle ground (minus terminal)
I/O:	Switch input/switch output
LSPK:	Loudspeaker connection
TPU:	TelePhoneUnit
blk:	black
gy:	gray
rd:	red
wht:	white
yl/blk:	yellow/black
vi:	violet

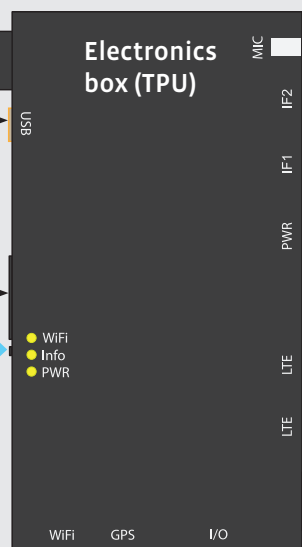
! Maximum tightening torque for the SMA antenna connectors: 0.4 Nm

Mini USB connection (Modem)

SIM card holder (SIM card not in scope of supply)



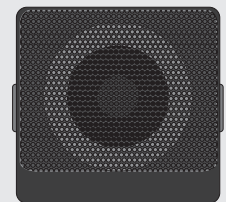
Unlock key



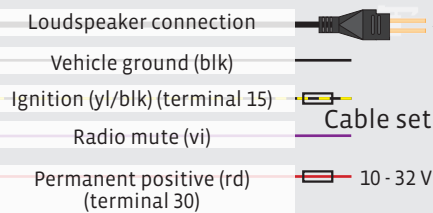
Hands-free microphone (optional)



Loudspeaker (optional)



RS-232 interfaces (RJ50)



TPU Symbols:

I/O	I/O connections
LTE	LTE
MIC	Microphone
PWR	Power supply
GPS	GPS
USB	USB
IF1	RS-232 I
IF2	RS-232 II
WiFi	WiFi

LEDs:

WiFi	WiFi status indicator
Info	Mobile network status
PWR	Power supply status

All antenna connectors are SMA connectors.

WiFi antenna*
GPS antenna*

2 LTE antennas* or LTE MIMO antenna*

* Not in scope of supply