

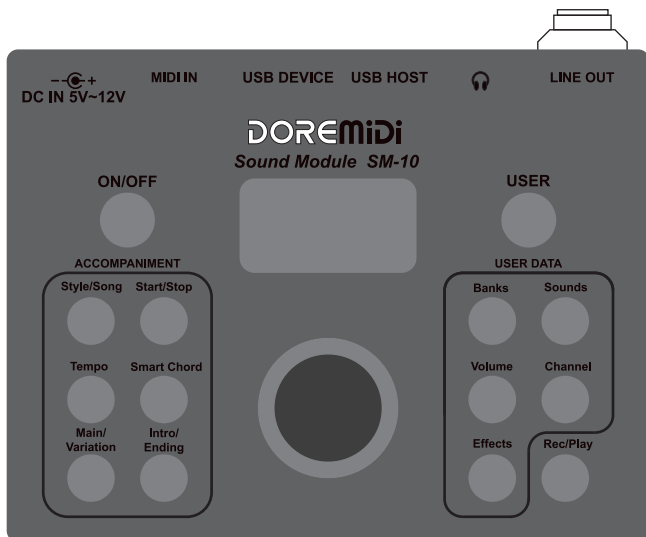
## MIDI Sound Module SM-10

### Instruction

Thanks for using DOREMiDi sound module box!

This product has built-in rich sounds, and also has a variety of automatic accompaniment styles.

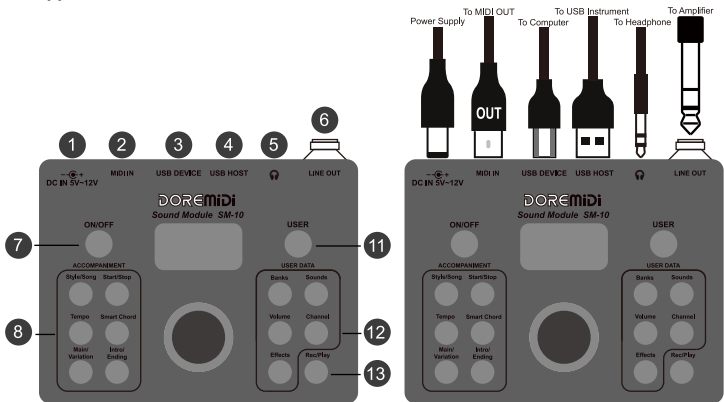
In order to use this product better, it is recommended that you read this instruction carefully.



## 1. Introduction

MIDI Sound Module Box (SM-10) is a multidunctional accompaniment sound source box designed by DOREMiDi. SM-10 has many built-in intelligent chord accompaniment songs and MIDI demo songs, and has 4 sound banks (GM-128 sounds, ethnic sounds, custom sounds, drum set), which can be configured with reverb and chorus effects. In addition, SM-10 has MIDI recording function.

## 2. Appearance



- ① DC IN5V~12V: Product power supply port, supports 5~12V adapter power supply, the adapter current is required to be more than 500mA, The tip is positive and the ring is negative.
- ② MIDI IN: MIDI DIN input port, use a five-pin MIDI cable to connect an instrument with MIDI OUT.
- ③ USB DEVICE: USB-B device interface, with USB MIDI function, can be connected to computers/mobile phones to receive MIDI messages, and can also supply power to the product. The power supply voltage is 5VDC and the current is at least 500mA.
- ④ USB HOST: USB-A host interface for connecting USB class compliant USB MIDI instruments.
- ⑤ Headphone port: 3.5mm stereo output, which can be directly connected to headphones.
- ⑥ LINE OUT: 6.35mm stereo output, used to connect to power amplifier.
- ⑦ ON/OFF: Long press to power on/off.
- ⑧ ACCOMPANIMENT: Style/song interface, used to set Style/ Song/ Tempo/ Smart chord/ Variation/ Intro/ Ending, etc., see "5. Smart accompaniment " for details.
- ⑨ Display screen: Showing the working status of the product.
- ⑩ Knob: With click and rotate functions, adjust parameters with other buttons. long press the knob to enter language and restore factory settings.
- ⑪ USER: User group, click to select the saved user sound and parameters, and support up to 16 users.
- ⑫ USER DATA: User parameters, used to set the banks/ sounds/ volume/ MIDI channel/ effect, see "4. Sound selection" for details.
- ⑬ Rec/Play: Support recording/playing MIDI messages from external input, up to about 1000 MIDI notes or MIDI CC controller parameters can be recorded.

### 3. Product parameters

Name	Description
Model	SM-10
Size (L x W x H )	115*96*47mm
Weight	250g
Supply Voltage	5V~12VDC
Supply Current	170mA@5VDC, 100mA@9VDC, 80mA@12VDC
MIDI IN Compatibility	Built-in high-speed optocoupler isolator, compatible with all MIDI five-pin output interfaces.
USB MIDI Compatibility	Standard USB MIDI device, connect to computer, plug and play
USB HOST Compatibility①	Compatible with standard USB MIDI devices
USB HOST Power Output②	Can provide a maximum power of 5V/2A (depending on the power of DC IN)
Headphone Port	Stereo output for connecting headphones
LINE OUT	Stereo output, connect to power amplifier
Firmware upgrade	Support firmware upgrade

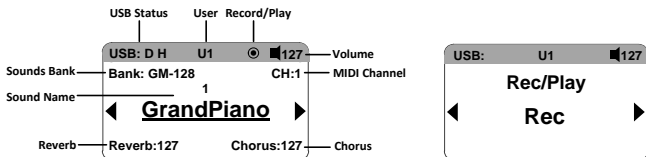
**Note:**

①Standard USB MIDI device, that is, a device that is compatible with the USB class. When the device is connected to the computer, there is no need to install USB drivers from other manufacturers.

②The power supply of USB HOST depends on the adapter power of DC IN. It is not recommended to use USB HOST to power other USB devices, as this may increase the audio floor noise.

### 4. Sound selection

Click the "User/Banks/Sounds/Channel/Effects" button to switch to the sound setting interface, and click the "Rec/Play" button to use the recording/playback function, as shown in the figure:

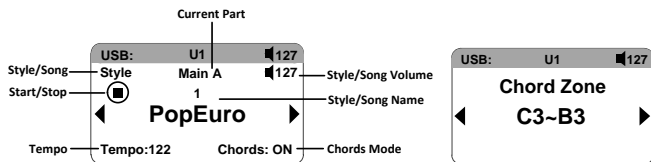


Name	Range	Description	Operation
USB Status	/	When connecting the computer to the USB Device port, it will display "D", and when connecting the USB MIDI device to the USB HOST port, it will display "H".	/
Record/Play	/	Record MIDI messages from MIDI IN, USB Device or USB HOST. Up to about 1000 notes or MIDI CC Messages can be recorded. MIDI system messages are not recorded.	Click the "Rec/Play" button, turn the knob to select "Record" or "Play", and click to confirm.
User	U1~U16	With 16 users, each user can independently set the sound, volume, MIDI channel, reverb value, chorus value, and accompaniment.	Click the "User" button and turn the knob to select a user.
MIDI Channel	1~16	Set the MIDI channel of the current sound.	Click the "Channel" button and turn the knob to set the MIDI channel.
Volume	0~127	Configure the volume of the sound output.	Click the "Volume" button and turn the knob to set the volume.

Sound Bank	GM-128	General MIDI sound bank, a total of 128 sounds.	Click the "Banks" button, and turn the knob to select a sound bank. When the sound bank is a drum set bank, the input MIDI message will be assigned to MIDI channel 10.
	Folk	Ethnic sound bank, 20 kinds of ethnic musical instruments.	
	Customize	Customized sound bank, can store 1 sound. It is used to store other official sound.	
	Drum Sets	Drum set bank, 10 drum sounds and 1 sound effects.	
Sound Name	/	Current sound name.	Click the "Sounds" button and turn the knob to select a sound.
Reverb	0~127	Set the reverb effect of the current sound.	Click the "Effects" button, switch to "Reverb", and turn the knob to set the reverb effect.
Chorus	0~127	Sets the chorus effect for the current sound	Click the "Effect" button, switch to "Chorus", and turn the knob to set the chorus effect.

## 5. Smart accompaniment

Click the "Style/Song" button to enter the Style/Song interface. There are 11 styles and a total of 80 accompaniments, each accompaniment contains 1 intro, 2 main and 1 ending. The style song has an automatic chord function, and the automatic chord follows the CMaj7, and the note pressed by the user will be mapped to the nearest CMaj7 note.



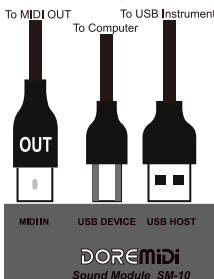
Name	Range	Description	Operation
Style/Song	1~80	11 styles, a total of 80 accompaniments, with automatic chord function, see accompaniment for details.	Click the "Style/Song" button, and turn the knob to select the accompaniment.
	81~130	50 demo songs.	Click the "Style/ Song" button, and turn the knob to select a demo song starting from 81.
Current Part	Intro	Play the intro of the accompaniment, and enter the main after playing.	<ul style="list-style-type: none"> <li>● The accompaniment is not played: Click "Main/Variation" to choose to play main 1/main 2.</li> <li>Click "Intro/Ending" to choose whether to play the intro of the accompaniment.</li> </ul>
	Main/Fill	Play the main/fill in accompaniment, selectable 1/2.	<ul style="list-style-type: none"> <li>Click "Main/Variation", it will play the fill1/2 and enter another main1/2.</li> </ul>
	Ending	The ending of the accompaniment is being played, and the current accompaniment will end after playing.	<ul style="list-style-type: none"> <li>Click the "Intro/Ending", after the current section is played, the ending will be played automatically to end this accompaniment.</li> </ul>
Start/Stop	/	Start/stop playing the current style/song. For demo songs, it will be played automatically after selection.	Click the "Start/Stop" button to switch the playing state of the style/song.

Style/Song Volume	0~127	Configure the volume of the style/song.	In the accompaniment interface, click the "Volume" button and turn the knob to set the volume of the style/song.
Tempo	30~280	Configure the playing speed of style/song, each song has a default tempo.	Click the "Tempo" button and turn the knob to set the playback speed of the style/song.
Chords mode	OFF	With chords off, only the drums and bass will play when the style is played.	In the accompaniment interface, click the "Smart Chord" button to switch to different chord modes.
	ON	Open chords. Play styles, including drums, bass, and melodies for other instruments. The melody changes according to the entered chord notes.	
	SYNC	When sync is turned on and "SYNC" is selected, the style will pause. When a chord note is received, the style is played synchronously.	
Chord Zone	C1~ B1/B2/B3	Set the area of the chord note, when the note in this area is pressed, the automatic chord will be triggered.	Press and hold the "Smart Chord" button for 3 seconds to enter the accompaniment area setting interface, turn the knob to select the accompaniment area, and click the knob to exit.

## 6. Quick Start

### 1) Power supply

- Use the DC port to connect to the DC IN of the product to supply power to the product. The power supply range is 5~12VDC. (It is recommended to use the official 5V adapter)



### 2) Connect MIDI instruments

- Connect MIDI five-pin instrument: Connect the MIDI IN of the product to the MIDI OUT of the instrument through a MIDI five-pin cable.
- Connect to computer/mobile phone: Connect computer/ mobile phone with OTG function through USB Device port. (Note: The mobile phone needs to have OTG function, and different mobile phone interfaces need to be connected through an OTG converter.)
- Connect USB MIDI instruments: Connect an instrument with a USB MID port through the USB HOST port.

Power Supply



### 3) Connect the headphone/amplifier

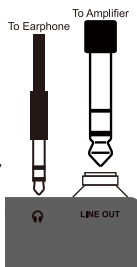
- Connects to headphones via a stereo 3.5mm plug.
- Connect to an amplifier via stereo 6.35mm plug.

### 4) Select a sound

- Refer to "4. Sound selection" to select the desired tone, MIDI channel, volume, effect and other parameters.

### 5) Select a style

- Refer to "5. Smart Accompaniment", select the accompaniment, and configure the tempo, chord, volume, chord zone, etc. of the song.



## 7. Sound List

### 1. GM-128 Sound Bank

GM-128 (General MIDI Sounds), a total of 128 sounds.

No.	Type	Name	No.	Type	Name	No.	Type	Name	No.	Type	Name
1	Piano	Grand Piano	33	Bass	Acobass	65	Reed	SprnSax	97	Synth SFX	FXRain
2		Bright Piano	34		FngrBass	66		AltoSax	98		Soundtrk
3		E. Grand	35		PickBass	67		TenorSax	99		Crystal
4		Honky Tonk	36		FretBass	68		BariSax	100		Atmosphr
5		E. Piano	37		SlapBass	69		Oboe	101		Bright
6		E. Piano2	38		SlapBass2	70		EngHorn	102		Goblins)
7		Harpsi	39		SynBass	71		Bassoon	103		Echoes)
8		Clavi	40		SynBass 2	72		Clarinet	104		Sci-fi)
9	Chrom Percussion	Celesta	41	Strings	Violin	73	Pipe	Piccolo	105	Ethnic Miscell.	Sitar
10		Glocken	42		Viola	74		Flute	106		Banjo
11		Music box	43		Cello	75		Recorder	107		Shamisen
12		Vibra	44		Contrabas	76		Pan Flute	108		Koto
13		Marimba	45		TremStr	77		Bottle	109		Kalimba
14		Xylophon	46		PizzStr	78		Shakhchi	110		Bagpipe
15		Tubul Bel	47		Harp	79		Whistle	111		Fiddle
16		Dulcimer	48		Timpani	80		Ocarina	112		Shanai
17	Organs	DrawOrgan	49	Ensemble	Strings	81	Synth Lead	SquareLd	113	Percussvie	TinklBell
18		PercOrgan	50		Strings2	82		SawLead	114		Agogo
19		RockOrgan	51		SynStrs	83		CaliopLd	115		Steel Drm
20		ChurOrgan	52		SynStrs2	84		ChiffLd	116		Woodblok
21		ReedOrgan	53		ChorAah	85		CharanLd	117		TaikoDrm
22		Acordion	54		VoiceOoh	86		VoiceLd	118		MeloTom
23		Harmnica	55		SynVoice	87		FifthsLd	119		SynDrum
24		TangoAcd	56		OrchHit	88		BassLead)	120		RevCymbi
25	Guitars	NylonGtr	57	Brass	Trumpet	89	Synth Pad	NewAge)	121	Sound SFX	FretNoiz
26		SteelGtr	58		Trombone	90		WarmPad	122		BrthNoiz
27		JazzGtr	59		Tuba	91		Polysyn	123		Seashore
28		Cleangtr	60		MuteTrp	92		ChoirPad	124		Tweet
29		MutedGtr	61		FrHorn	93		BowedPad	125		Telephone
30		Overdrive	62		Brass	94		MetalPad	126		Helicptr
31		DistGtr	63		SynBrass	95		HaloPad	127		Applause
32		GtrHarmo	64		SynBrass2	96		SweepPad	128		Gunshot

### 2. Ethnic Sounds

Ethnic sounds, a total of 20 kinds of sounds.

No.	Name	No.	Name	No.	Name	No.	Name
1	Suona Horn	6	Urheen	11	Ocarina	16	4-StringLute
2	Bamoo Flute	7	Jinghu	12	Ruan	17	Morinhor
3	Bamoo Flute2	8	Banghu	13	Lute	18	Guzheng
4	Shakuhachi	9	Bawu	14	Skill Lute	19	Guqin
5	Gourd Silk	10	Reedpipe	15	3-StringLute	20	Dulcimer

### 3. Drum Set Bank

A total of 11 sounds, including 1 special sound effect, CM-64/32 is compatible with Roland CM-64/32.

(Note: ① "\*" indicates that the drum set has no sound at the position of the MIDI note. ② "(blank)" means that the sound at this position is the same as the standard drumset.)

Note #	Standard Drum Set	Gong Drum	Room Drum	POWER SET	Electro Drum	TR808 Drum	Jazz Drum	Brush Drum	Orchestra Drum	SFX Drum	CM Drum
27	High Q	*							Closed Hi-Hat	*	*
28	Slap	*							Pedal Hi-Hat	*	*
29	Scratch Push	*							Open Hi-Hat	*	*
30	Scratch Pull	*							Ride Cymbal	*	*
31	Sticks	*								*	*
32	Square Click	*								*	*
33	Metronome Click	*								*	*
34	Metronome Bell	*								*	*
35	STD1 Kick2	Low Small Hall Drum					Jazz BD2	Jazz BD2	Concert BD2	*	Kick Drum2
36	STD1 Kick1	Hi Small Hall Drum		Power Kick	Elec Kick	808 BD	Jazz BD1	Jazz BD1	Concert BD1	*	Kick Drum1
37	Side Stick	Bang Drum				808 Rim Shot				*	Rim Shot
38	STD1 Snare1	Low Drum side		Gated Snare	Gated Snare	808 Snare Drum		Brush Tap	Concert SD	*	Snare Drum
39	Hand Clap	Double Bang Drum						Brush Slap	Castanets	High Q	Hand Clap
40	Snare Drum 2	High Drum side			Elec Snare1			Brush Swirl	Concert SD	Slap	Elec Snare Drum
41	Low Floor Tom	Hall Drum1	Power Low Tom2	Power Low Tom2	Elec Low Tom2	808 Low Tom2			Timpani F	Scratch Push	Acoustic Low Tom2
42	Closed Hi-Hat1	Big Cymbals				808 CHH1			Timpani F#	Scratch Pull	Closed Hi-Hat1
43	High Floor Tom	Hall Drum2	Power Low Tom1	Power Low Tom1	Elec Low Tom1	808 Low Tom1			Timpani G	Sticks	Acoustic Low Tom1
44	Pedal Hi-Hat1	Cymbals1				808 PHH1			Timpani G#	Square Click	Open Hi-Hat2
45	Low Tom	Hall Drum3	Power Mid Tom2	Power Mid Tom2	Elec Mid Tom2	808 Mid Tom2			Timpani A	Metronome Click	Acoustic Middle Tom
46	Open Hi-Hat1	Cymbals2				808 OHH1			Timpani A#	Metronome Bell	Open Hi-Hat1
47	Low-Mid Tom	Hall Drum4	Power Mid Tom1	Power Mid Tom1	Elec Mid Tom1	808 Mid Tom1			Timpani B	Guitar Slide	Acoustic Middle Tom1
48	Hi Mid Tom	Hall Drum5	Power Hi Tom2	Power Hi Tom2	Elec Hi Tom2	808 Hi Tom2			Timpani c	Gt Cut Noise (down)	Acoustic High Tom2

49	Crash Cymbal 1	Gongs Cymbals1				808 Cymbal			Timpani c#	Gt Cut Noise (up)	Crash Cymbal
50	High Tom	Hall Drum6	Power Hi Tom1	Power Hi Tom1	Elec Hi Tom1	808 Hi Tom1			Timpani d	Double Bass Slap	Acoustic High Tom1
51	Ride Cymbal 1	Gongs Cymbals2							Timpani d#	Key Click	Ride Cymbal
52	Chinese Cymbal	Big Gong			Reverse Cymbal				Timpani e	Laughing	*
53	Ride Bell	Small Gong1							Timpani f	Screaming	*
54	Tambourine	Drum Stick								Punch	Tambourine
55	Splash Cymbal	Small Gong2								Heart Beat	*
56	Cowbell	*				808 Cowbell				Footsteps1	Cowbell
57	Crash Cymbal 2	*							Concert Cymbal 2	Footsteps2	*
58	Vibraslap	*								Applause	*
59	Ride Cymbal2	*							Concert Cymbal 1	Door Creaking	*
60	Hi Bongo	*								Door Closing	
61	Low Bongo	*								Scratch	
62	Mute Hi Conga	*				808 High Conga				Wind Chime	
63	Open Hi Conga	*				808 Mid Conga				Car Engine Strat	
64	Low Conga	*				808 Low Conga				Car Breaking	
65	High Timbale	*								Car Pass	
66	Low Timbale	*								Car Crash	
67	High Agogo	*								Police Siren	
68	Low Agogo	*								Train	
69	Cabase	*								Jet Take-off	
70	Maracas	*				808 Maracas				Helicopter	
71	Short Whistle2	*								Starship	
72	Long Whistle2	*								Gun shot	
73	Short Guiro3	*								Machinegun	Vibrato Slap
74	Long Guiro3	*								Lasergun	*
75	Claves	*				808 Claves				Explosion	Claves
76	Hi Wood Block	*								Dog	Laughing
77	Low Wood Bloc	*								Horse Gallop	Screaming
78	Mute Cuica4	*								Birds	Punch
79	Open Cuica4	*								Rain	Heart Beat
80	Mute	*								Thunder	Footsteps1



	Triangle5										
81	Open Triangle5	*								Wind	Footsteps2
82	Shaker	*								Sea Shore	Applause
83	Jingle Bell	*								Stream	Door Creaking
84	Belltree	*								Bubble	Door Closing
85	Castanets	*								*	Scratch
86	Mute Surdo6	*								*	Wind Chime
87	Open Surdo6]	*								*	Car Engine Strat
88		*							Applauses	*	Car Breaking
89		*					*				Car Pass
90		*					*				Car Crash
91		*					*				Police Siren
92		*					*				Train
93		*									Jet Take-off
94		*									Helicopter
95		*									Starship
96		*									Gun shot
97		*									Machinegun
98		*									Laser gun
99		*									Explosion
100		*									Dog
101		*									Horse Gallop
102		*									Birds
103		*									Rain
104		*									Thunder
105		*									Wind
106		*									Sea Shore
107		*									Stream
108		*									Bubble

## 8. Style/Song List

### 1. Style List

11 styles, a total of 80 accompaniments.

No.	Type	Name	No.	Type	Name	No.	Type	Name
1	Pop & Rock	PopEuro	32	R&B	Blues	63	Pianist	Pianoman
2		80sPop	33		CCrocoTwist	64		Arpeggio
3		TechnoRock	34		LiveSoulBand	65		Boogie
4		RollRock	35		GospelFunk	66		4BeatStroke
5		HeartBeat	36		70sChartSoul	67		2BeatSwing
6		RootRock	37	Country	CountryBallad	68		Waltz
7		HardRock	38		CountryPop	69	CN Ethnic	Traditional
8		PopShuffle	39		CountryBeat	70		Rumba
9		PopRock	40		8BeatCountry	71		CN Ethnic1
10		SouthernRock	41		CountrySwing	72		CN Ethnic2
11		FunkPopRock	42	Ballroom	Waltzer	73		CN Ethnic3
12	Ballade	FushionShuffle	43		Foxtrot	74		CN Ethnic4
13		LoveSong	44		Tango	75		CN Ethnic5
14		RomanticBallad	45		ChaChaCha	76		CN Ethnic6
15		OrganBallad	46		Jive	77		CN Ethnic7
16		16BeatBallad	47	Entertainment	Latin	78		CN Ethnic8
17	Dance & Disco	12/8BeatBallad	48		WildWest	79		CN Ethnic9
18		OrchRockBallad	49		SecretService	80		CN Ethnic10
19		90sDance	50		SaturdayNight			
20		DanceKik	51		ChristmasSwing			
21		CaSo	52	World	Duranguense			
22		SoBas	53		Keroncong			
23		DiscoHouse	54		MexicanDance			
24		80sDisco	55		AlpenLand			
25		DiscoPhilly	56		Hawaiian			
26	Jazz & Swing	JazzLounge	57		ModernDangdut			
27		JazzTet	58		CelticDance			
28		JazzClub	59		HullyGully			
29		AcousticJazz	60		JapanesePop			
30		20sSwing	61		Java			
31		Swing2	62		Hasapiko			

### 2. Song List

A total of 50 demo songs.

No.	Type	Name	Description
1	Ethnic Musical Instruments	Song1	Bamoo Flute & Guzheng & Guqin
2		Song2	Urheen & Ruan
3		Song3	Guzheng
4		Song4	Suona
5	Piano Song	Song5-50	Piano Demo Song

## 9. Precautions

- 1) This product contains a circuit board.
- 2) Rain or immersion in water will cause the product to malfunction.
- 3) Do not heat, press, or damage internal components.
- 4) Non-professional maintenance personnel shall not disassemble the product.
- 5) If the product is disassembled or damaged by improper use, the warranty is not available.

## 10. Questions & Answers

1. Question: The USB Device port cannot connect to the mobile phone.

Answer: Please first confirm whether the mobile phone has OTG function, and this function has been turned on.

2. Question: The USB Device port cannot be connected to the computer.

Answer:

- After confirming the connection, whether the screen displays "D".
- Confirm whether the computer has a MIDI driver. Generally speaking, the computer comes with a MIDI driver. If you find that the computer does not have a MIDI driver, you need to install the MIDI driver. The installation method: <https://windowsreport.com/install-midi-drivers-pc/>

3. Question: MIDI IN does not work properly.

Answer: Make sure the "MIDI IN" port of the product is connected to the "MIDI OUT" port of the instrument.

If it cannot be resolved, please contact customer service.

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