WKF KUMITE SCORE CLICKER MANUAL

operated with sportdata





How to build up the Kumite Score Clicker

IMPORTANT: FIRST plug in master per USB to laptop THEN connect the blue cables to the master.

Never let a blue cable plugged into the master when there is nothing connected. It could seriously damage the master when the unplugged cable lies on the tatami (ESD damage).

- 1. Connect one blue and one red Clicker to the Hub
- 2. Put the long turquoise cables under the Tatami between J1/J2 and J3/J4 (Use the Tatami cable protection)



- 3. Put one short and one long turquoise cable from the main table to J1 and J4
- 4. Connect the Hubs
- 5. Place the Master on the Main table and connect the USB cable with laptop
- 6. Connect the power supply to the Master
- 7. Connect the turquoise cable to the Master



Standard Setup





Mirrored Main-Referee Position

(changes also judge positions)





NOT CORRECT





Pictures of possible assembly:



Additional Info: recommended during KATA leave all devices connected (if it is the same day) by WKF approved





How to connect the Kumite Score Clicker to SET

Open SET – Panels – Data Services – expand Serial interface (Clicker – WB) and select the correct COM port with **115200** Baud rate. **8** data bits, **1** stop bit and **None**. Choose **Mode** WKF Kumite

Serial interface (Click	er - WeissBrand)		۲
COM Port - Settings	⑦ Open port COM13 ▼ 115200 ▼ 8	▼ 1 ▼ None ▼	
Mode - Settings			

- 2. Fill in the **Device-ID** of the master and use Enter or Tab.
- 3. Fill in the Clicker-IDs for Referee 1 to 4

Mode - Settings							
			Mode: WKF KUN	AITE 🔻			
			🤹 (re)	pair all			
Device Type	Device ID	Status	Battery	Signal	Reversed	(Re)Pair	Info
Master	m155						
Referee 1	h131	NEW				(re)pair	
Referee 2	h143	NEW				(re)pair	
Referee 3	h145	NEW				(re)pair	
Referee 4	h161	NEW				(re)pair	
Referee 5						(re)pair	
n						····	

4. Click Open Port.

Serial interface (Clicker - WeissBrand)	۲
COM Port - Settings	
Close COM13 V 115200 V 8 V 1 V None V	
Mode - Settings	
Mode: WKF KUMITE	

5. If all is set up correctly, the status turns to Active.

Serial interface ((Clicker - WeissBra	nd)					۲
COM Port - Setti	ngs						
	🍠 CI	ose COM13	▼ 115200 ▼	8 💌	1 💌 No	ne 💌	
Mode - Settings							
		Ν	Node: WKF KUN	AITE 👻			
			(ma)				
			දසු (re)	pair all			
Device Type	Device ID	Status	Battery	Signal	Reversed	(Re)Pair	Info
Master	M155						
Referee 1	H131	ACTIVE ASSIGNE	and the second			(re)pair	
Referee 2	H143	ACTIVE ASSIGNE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			(re)pair	
Referee 3	H145	ACTIVE ASSIGNE	and the second sec			(re)pair	
Referee 4	H161	ACTIVE ASSIGNE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			(re)pair	
Roforoo 5						(re)nair	

6. Click on **(re)pair all** (if not all devices are connected)



How to set up Pointpanel

- 1. Open Pointpanel and Menu Other Settings and control:
 - ✓ Stop clock
 - ✓ Count Highest



- 2. Helping Tools and Logs:
 - a. Logs

	PENALTY				
	PENALTY				
	Settings	Tean	n Match RED	BLUE set (reset all)	e lain Panel
JAL		timer:	seconds 120 warn	tone 0 sta	rt
clear	Logs ETSc	oring APP Device Assig	nment 🛛 🞮 GamePad	Device Assignment	
	- Logs (log/point_panel.lo	9)			
• •	2023-06-27 09:58:12 [1 2023-06-27 09:58:12 [1 2023-06-27 09:58:12 [1 2023-06-27 09:58:12 [1 2023-06-27 09:58:12 [1 2023-06-27 09:58:12 [2 2023-06-27 09:58:12 [1	SCOREJ 2023-06-27 09:5 NFOJ SCORE TIMER REI NFOJ Stop clock: Secon NFOJ [AKA] IPPON:0 W NFOJ [AO] IPPON:0 W SCOREJ [SCORE DETECT NFOJ SCORE TIMER REI	8:72:498 [JUDGE 4] [VALU D: Start Timer -> 0 ds left:1157 VAZA-ARI:0 YUKO:0 TOTA AZA-ARI:0 YUKO:0 TOTA ED] 2023-06-27 09:58:12: D: Stop Timer -> 19	JE 3.0] [RED] 11:0 12:0 [KALUE IPPON] [VC	DTES 2] [RED] [1, 4]
	Score Observer Service				



b. Tatami Manager View: Score Observer Service (can be open on a tablet)

ine Cone Se Se Se source i nor form Sense Sense Co Second Sense Sense Sense Sense Sense Sense Sense	>>	Weitere Lesezeicher								
		2								
automatic refresh [ms]: 3000										
[SCORE] 2023-06-27 09:58:09:891 [JUDGE 1] [VALUE 2.0] [RED]		^								
[SCORE] 2023-06-27 09:58:09:992 [JUDGE 1] [VALUE 1.0] [RED]										
[SCORE] 2023-06-27 09:58:10:925 [JUDGE 1] [VALUE 2.0] [RED]										
[SCORE] 2023-06-27 09:58:11:025 [JUDGE 1] [VALUE 2.0] [RED]										
[SCORE] 2023-06-27 09:58:11:229 [JUDGE 1] [VALUE 2.0] [RED]										
[SCORE] 2023-06-27 09:58:11:666 [JUDGE 1] [VALUE 2.0] [RED]										
[SCORE] 2023-06-27 09:58:12:001 [JUDGE 1] [VALUE 3.0] [RED]										
[SCORE] 2023-06-27 09:58:12:498 [JUDGE 4] [VALUE 3.0] [RED]										
[TIME 5TOP 2023-06-27 09:58:12]										
[SCORE] [SCORE DETECTED] 2023-06-27 09:58:12:660 [VALUE IPPON] [VOTES 2] [RED] [1, 4]										

Example tablet for tatami manager (recommended is to use Kata Referee 1 tablet with Chrome):



URL: http://IP-ADDRESS-TATAMI:8080/ppwkf/kumitescoreobserver

Change IP-ADDRESS-TATAMI to real IP of Tatami

Monitoring Page (Central table): COM Port of the Tatami

To control if COM Port is open

URL: http://IP-ADDRESS-TATAMI:8080/set/wbclicker

Change IP-ADDRESS-TATAMI to real IP of Tatami



FAQ:

Color Codes:

1. Master:

All lights red	Not paired with SET
All lights blue	Correct paired with SET
Top lights yellow	Power supply isn't connected or too weak
Yellow lights flashing	Connection lost to SET (USB Power saving mode active or USB was unplugged -> reopen the port)
Top lights yellow and turquoise	Update Mode

2. Hub:

All lights red	Not paired with Master
All lights blue	Correct paired with Master
Top lights yellow	Power supply isn't connected or too weak
Yellow lights flashing	Connection lost to SET (USB Power saving mode active or USB was unplugged -> reopen the port)
Top lights yellow and turquoise	Update Mode
Bottom lights yellow/green	USB Port is connected or not

What to do when all devices do nothing after opening port?

- 3. Check the fields next to COM 115200 selected?
- 4. Correct COM selected?
- 5. Correct Master number?

What to do when a single Clicker does not connect after opening port?

- 1. Press (re)pair all
- 2. Blue and red Clicker are connected?
- 3. Correct Hub number?
- 4. Energy supply correct



What to do if Master is allways again yellow blinking?

Master is yellow blinking because connection to SET is lost. This can cause of unplugging the USB cable after opening the COM port in SET or Windows turns off the USB plug.

Cable Disconnect

- 1. Connect the cable
- Close the COM Port and reopen.
 Do you see the signal and batterie status filled = everything is correct
 Are all of them empty: reconnect the USB cable again and do the following steps:

Windows USB COM Port

- USB Management Settings of Windows: See below: Turn off USB Selective Suspend Options
- 2. If you have the same issue again, it can help to change the USB Port (or to a USB HUB, there is no enery turn off)

What to do if no points were counted in Pointpanel?

- 3. Correct Mode selected (WKF Kumite)
- 4. Port is open and all Clickers are active?

Serial interface (erial interface (Clicker - WeissBrand)						*
COM Port - Setti	ngs 🍠 C	lose COM13 🔻	115200 💌	8 💌	1 • Nc	one 💌	
Mode - Settings							
		М	ode: WKF KUN	IITE 👻			
			🤹 (re)	pair all			
Device Type	Device ID	Status	Battery	Signal	Reversed	(Re)Pair	Info
Master	M155			_			
Referee 1	H131	ACTIVE ASSIGNE	and the second sec			(re)pair	
Referee 2	H143	ACTIVE ASSIGNE	-			(re)pair	
Referee 3	H145	ACTIVE ASSIGNE	and the second s			(re)pair	
Referee 4	H161	ACTIVE ASSIGNE	and the second s			(re)pair	
Referee 5						(re)pair	
Referee 6				100 Aug. 100		(re)pair	
Referee 7						(re)pair	
Video Review 1			-			(re)pair	
Video Review 2						(re)pair	

What to do when a single Clicker lost connection?

- 1. (re)pair the clicker or (re)pair all
- 2. Check Hub and Clicker:
 - a. turquoise cable connected?
 - b. blue and red Clicker connected?
- 3. Master power supply connected?
- 4. Still issues? Hub/Master may be defect. Replace Hub/Master and write new ID into settings



Turn off USB Selective Suspend Options

1. Verify Power Management Options

Many times, there are power management settings on Windows 10/11 that disconnect the idle USB ports from the computer to save power. This can solve this issue.

1. Open device manager

 Now, you find a dedicated category for USB ports called "Universal Serial Bus Controllers". Tap the arrow on its left



- 3. Now, find USB option. Open the properties tab by right-clicking on it.
- 4. In the properties window, head over to power management option for the USB device.

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USB Root Hub Properties





5. In this window, simply uncheck the box that allows the computer to disable the USB ports. USB Root Hub Properties \times

General Power Advanced Driver Details Events Power	Management
USB Root Hub	
Allow the computer to turn off this device to save power	
Allow this device to wake the computer	
ок	Cancel

- 6. Repeat the process for ALL other USB devices options if available.
- 7. Restart the computer.
- 8. Now, your USB should be functional at all times.

2. USB Selective Suspend Options

The USB Selective Suspend is yet another feature on Windows 10 that disables a particular USB port on the motherboard to save power without affecting other USB ports. You can turn OFF this feature to see whether it is causing problems with your USB port or not.

- 1. Head over to the power option.
- 2. Now, open the additional power settings again by tapping the link.

Settings	
යි Home	Power & sleep
Find a setting	
System	Save energy and battery life
□ Display	Set how quickly your screen goes to sleep when from your PC.
4》 Sound	Get more info about saving PC energy
Notifications & actions	Related settings
	Additional power settings



3. Tap on change plan settings to make the changes.

Choose or customize a power plan						
A power plan is a collection of hardware and system settings (like display brightness, sleep, etc.) that manages how your computer uses power. <u>Tell me more about power plans</u>						
Preferred plans						
O Balanced (recommended) Change plan settings						
Automatically balances performance with energy consumption on capable hardware.						
High performance Favors performance, but may use more energy.	<u>Change plan settings</u>					

4. Now, tap the link that will redirect you to the advanced power settings.

Change settings for the plan: High performance Choose the sleep and display settings that you want your computer to use.				
😰 Turn off the display:	5 minutes	~		
Put the computer to sleep:	Never	~		
Change advanced power settings				
Restore default settings for this pl	lan			

- 5. In the advanced settings window, expand the USB settings. Here, you can change the state of the USB selective suspend feature.
- 6. Open the drop-down menu and disable the feature for both battery and plugged-in power modes.

Power Options	?	×
Advanced settings		
Select the power plan that you want to customize then choose settings that reflect how you want yo computer to manage power.	, and our	
High performance [Active] $\qquad \qquad \lor$		
 Hard disk Internet Explorer Desktop background settings Wireless Adapter Settings Sleep USB settings 	^	
Setting: Disabled Power buttons and lid PCI Express Restore plan defau	v	
OK Cancel	Apply	

7. Now, your USB port should be active.