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## How to calculate exact worktime/breaktime for devices without T&A key?

For devices with function keys, it is required to configure T&A key from T&A setting page. By doing this, employees will make punch in/out using T&A keys and administrator will be able to calculate exact worktime / breaktime.

But how about devices without T&A key?

Following guideline is to support check in and check out functions to calculate the worktime / breaktime for devices without T&A key.

- 1. Prepare two devices. One device for IN and another device for OUT.
- 2. Go to **Time Attendance**  $\rightarrow$  **Setting** and register two devices as T&A device.
- 3. Choose IN device and set it mode to Fixed option with Break End.

Setting			×
• T&A Mode	Fixed •	Fixed T&A key Code 1	
T&A Event	T&A Event Key	Label	T&A type
	Code 1	IN	Break End
	Code 2		None
	Code 3		None
	Code 4		None
		Apply Cancel	

4. Choose OUT device and set it mode to Fixed option with Break Start.

Setting			×
• T&A Mode	Fixed •	• Fixed T&A key	
T&A Event	T&A Event Key	Label	T&A type
	Code 1	OUT	Break Start 🔻
	Code 2		None •
	Code 3		None
	Code 4		None
		Apply Cancel	

BioStar will calculate worktime and breaktime based on the punch without pressing any T&A key. However, the result is always "Missing Break Start, Missing Break End" in BioStar versions before 2.4.

Date		Shift	Pay Code			Out		Exception		Reg			time
2016/10/18(Tu	e) test		test	2016-10-18 07:		2016-10-18 18:.	Missing B	reak Start, Missing Break	End	8:00:00		0:00:00	1
Summary	Regular	Hours	Overtime Hours	Break Time By	Ov	er Break Ti	Meal Time	Exception		Leave	Total Wo	rk Ho	Actual Workin
Daily	8:00:00	0	:00:00	1:00:00	0:00	:00	1:00:00	2	0		9:10:00		0:00:00
Overtime I	Rule	Regular B	ly Time Rate	Overtime By Time R	ate	Work Tim	e in Leave	Non-Work Time In Lea	we La	ave Work Tin	ne By Ti	Leave	e Non-Work Time
		8:00:00		0:00:00		0:00:00		0:00:00	0:0	0:00		0:00:0	)

Starting version 2.4, if you are using **First check-in & Last check-out** with **Break by Punch**, check **Handle Exception of Fixed Break/Meal T&A Key**. This should make your report result to be normal.

<ul> <li>First check-in &amp; Last check-out</li> </ul>	Yes						
<ul> <li>Time segment</li> </ul>	Current day	•					
		3 6	9	12 15	18 21	24	
	Time code	Start time	End time	Min. Duration	Meal deduction	Action	+ Add
	Normal Pay	09:00	18:00	00:00	-	1	
Rounding	Punch in						
	Punch out						
Break by Punch	Y	Max	x. allowed break ti	me(min.) 0	Handle Excep	otion of Fixed B	reak/Meal T&

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