

TRAKTOR PRO MAPPING CHART

REQUIRES DARK WHEEL FIRMWARE 2022-12-26 (OR LATER)



DARK WHEEL - TRAKTOR PRO DEFAULT MAPPING (2022-12-26)					
USED MODES: 4 DECKS, 1 MOMENTARY SHIFT LAYER, 2 PERMANENT BANKS					
CONTROL ELEMENT	LED	BANK 1		BANK 2	
		NORM (LAYER1)	SHIFT (LAYER2)	NORM (LAYER3)	SHIFT (LAYER4)
MIDI Channel (top)	green/red	DECK SELECT ●● (flashing ●● in 3rd/4th CH)			
Left Encoder Push	orange	VINYL BEAT ●●	TOUCH LOCK	UFX1 ON/OFF ●	FX1 ACTIVE ●
Right Encoder Push	blue	LOOP ●●	[free for user mapping]	UFX2 ON/OFF ●	FX2 ACTIVE ●
Left Encoder Rotate	-	BEAT/LOOP JUMP	[free for user mapping]	FX1 DRY/WET	FX1 PARAM1
Right Encoder Rotate	-	LOOP SIZE +/-	[free for user mapping]	FX2 DRY/WET	FX2 PARAM1
JOG Rotate (CDJ mode)		NUDGING	[free for user mapping]	SCROLL LIST	SCROLL TREE
JOG Rotate (VINYL mode)		SCRATCHING	[free for user mapping]	PREVIEW SEEK*	
JOG Touch (CDJ mode)		[free for user mapping]	[free for user mapping]	[free for user mapping]	[free for user mapping]
JOG Touch (VINYL mode)		HOLD PLAY	[free for user mapping]	[free for user mapping]	[free for user mapping]
Hotcue 1	green/yellow	HC1 ●●	HC5 ●●	DELETE HC1 ●●	DELETE HC5 ●●
Hotcue 2	green/yellow	HC2 ●●	HC6 ●●	DELETE HC2 ●●	DELETE HC6 ●●
Hotcue 3	green/yellow	HC3 ●●	HC7 ●●	DELETE HC3 ●●	DELETE HC7 ●●
Hotcue 4	green/yellow	HC4 ●●	HC8 ●●	DELETE HC4 ●●	DELETE HC8 ●●
CUE	magenta	CUE ●	KEY LOCK ●	BROWSER VIEW	[free for user mapping]
PLAY	green	PLAY ●	SYNC ●	PREVIEW*	LOAD SONG
SHIFT (bottom left)	green/red	PRESS & HOLD TO ACTIVATE SHIFT LAYER ●●			
MID (bottom mid)	blue	MASTER ●	MASTER ●	MASTER ●	MASTER ●
BANK (bottom right)	green/red	TOGGLE BETWEEN BANK 1 & 2 ●●●● (flashing ●● in BANK 3/4)			

* Holding [PLAY] plays song in preview player, JOG supports preview seeking

LED MAPPING DETAILS

- LED are mapped to related buttons, e.g. PLAY LED during playing, Encoder LED (BANK2) if FX active etc.
- Lower Encoder LED's: Beat phase: ●● Yellow flashing during play (NORMAL layer BANK 1)
- Upper Encoder LED's: Loop indicator: ●● Blue flashing if loop is active (flashing emphasize loop)
- Left Jogwheel LED: Firmware triggered: ● CDJ mode, ● VINYL mode, ● HOLD (in VINYL mode)
- Right Jogwheel LED: Firmware triggered: ● No message, ● Nudging message, ● Scratching message
- Jump/Set Hotcue LED's: ● No hotcue, ● Loop Hotcue, ● Any other Hotcue type
- Delete Hotcue LED's: ●● Green/Yellow flashing if hotcue exists (flash indicates pressing will delete)



JOGWHEEL INSIGHTS

- NEW (since DW firmware version 2022-12-26): **LEFT ENCODER PUSH** in layer 1 toggles Jogwheel between **CDJ** (nudging) and **VINYL** (scratching/position adjustment) mode.
- The complete metal knob becomes **TOUCH** sensitive in VINYL mode, we mapped this feature to 'hold music' by finger tip. No mechanical platter needed, the metal supports a capacitive touch technology (clickless finger recognition for lowest latency).
- HiRes CC messages in BANK1 are mapped to Nudging & Scratching, LoRes Encoder CC simulation messages (~20 ticks/turn) in BANK2 are mapped to **SONG BROWSER**.
- The heavy full metal knob, combined with ball bearing axis allows precise small position (CUE) movements as well as dynamic speed **ACCELERATION** on fast swipe gestures (**SEEKING** over multiples beats and bars).
- Touch recognition works high sensitive and is **AUTO-CALIBRATED** (during Power-On, when DECK changed and regularly timer triggered). Do NOT touch the jogwheel when **CONNECTING** controller or when pressing the **DECK** button to get best sensitivity.
- Traktor Tips: The 'speed' of the jogwheel can be modified via 'Rotary Sensitivity' and 'Rotary Acceleration' in the mapping (for Nudging and Scratching separately).

UNIVERSAL MAPPING

- Our default mapping supports any kind of Dark Wheel deck assignments. Use the same mapping for one, two or even four Dark Wheel's. And independent of amount of devices: you can align each of them to 1, 2 or 4 deck mixing. Use the built in 'Power-On Configuration Setup' features to define your favourite alignments.



ADD YOUR OWN FEATURES INTO MAPPING

- Experienced users can modify the mapping, either modifying existing features or using the [free for user mapping] slots in MIDI chart to add further MIDI functions.
- MOST POWERFUL:** Dark Wheel firmware can support two BANK layers more, 4 in total. Use the 'Power-On Configuration Setup' to **ENABLE BANK 3 & 4**. The additional two banks are empty in the default mapping, waiting for user ideas ;)



DJ PLAYER PRO MAPPING CHART

REQUIRES DARK WHEEL FIRMWARE 2022-12-26 (OR LATER)



DARK WHEEL – DJ PLAYER PRO DEFAULT MAPPING (2022-12-26)					
USED MODES: 4 DECKS, 1 MOMENTARY SHIFT LAYER, 2 PERMANENT BANKS					
CONTROL ELEMENT	LED	BANK 1		BANK 2	
		NORM (LAYER1)	SHIFT (LAYER2)	NORM (LAYER3)	SHIFT (LAYER4)
MIDI Channel (top)	green/red	DECK SELECT ●● (flashing ●* in 3rd/4th CH)			
Left Encoder Push	orange	VINYL BEAT ●*	TOUCH LOCK	FX1 ON/OFF ●	[free for user mapping]
Right Encoder Push	blue	LOOP ●*	[free for user mapping]	FX2 ON/OFF ●	[free for user mapping]
Left Encoder Rotate	-	BEAT/LOOP JUMP	[free for user mapping]	FX1 MAIN PARAM	FX1 2nd PARAM
Right Encoder Rotate	-	LOOP SIZE +/-	[free for user mapping]	FX2 MAIN PARAM	FX2 2nd PARAM
JOG Rotate (CDJ mode)		NUDGING	[free for user mapping]	SCROLL	[free for user mapping]
JOG Rotate (VINYL mode)		SCRATCHING	[free for user mapping]	PREVIEW SEEK*	[free for user mapping]
JOG Touch (CDJ mode)		[free for user mapping]	[free for user mapping]	[free for user mapping]	[free for user mapping]
JOG Touch (VINYL mode)		HOLD PLAY	[free for user mapping]	[free for user mapping]	[free for user mapping]
Hotcue 1	green/yellow	HOTCUE 1 ●	HOTCUE 5 ●	FX PAD 1 ●	FX PAD 5 ●
Hotcue 2	green/yellow	HOTCUE 2 ●	HOTCUE 6 ●	FX PAD 2 ●	FX PAD 6 ●
Hotcue 3	green/yellow	HOTCUE 3 ●	HOTCUE 7 ●	FX PAD 3 ●	FX PAD 7 ●
Hotcue 4	green/yellow	HOTCUE 4 ●	HOTCUE 8 ●	FX PAD 4 ●	FX PAD 8 ●
CUE	magenta	CUE ●	KEY LOCK ●	BROWSER / BACK	[free for user mapping]
PLAY	green	PLAY ●	SYNC (MASTER) ●	OK / PREVIEW*	LOAD SONG
SHIFT (bottom left)	green/red	PRESS & HOLD TO ACTIVATE SHIFT LAYER ●●			
MID (bottom mid)	blue	DJPP SHIFT ● (hold to delete Hotcues)			
BANK (bottom right)	green/red	TOGGLE BETWEEN BANK 1 & 2 ●●● (flashing ●* in BANK 3/4)			

* Holding [PLAY] plays song in preview player, JOG supports preview seeking

LED MAPPING DETAILS

- Lower Encoder LED's: Beat phase: ●● Yellow flashing during play (NORMAL layer BANK 1)
- Upper Encoder LED's: Loop indicator: ●● Blue flashing if loop is active (flashing emphasize loop)
- Left Jogwheel LED: Firmware triggered: ● CDJ mode, ● VINYL mode, ● HOLD (in VINYL mode)
- Right Jogwheel LED: Firmware triggered: ● No message, ● Nudging message, ● Scratching message
- Jump/Set Hotcue LED's: ● No hotcue, ● Existing HC (DJPP does not support multiple colors)
- Delete Hotcue LED's: ● Existing HC. Press & hold Mid button, then press HC1-8 to delete

JOGWHEEL INSIGHTS



- NEW (since DW firmware version 2022-12-26): **LEFT ENCODER PUSH** in layer 1 toggles Jogwheel between **CDJ** (nudging) and **VINYL** (scratching/position adjustment) mode.
- The complete metal knob becomes **TOUCH** sensitive in VINYL mode, we mapped this feature to 'hold music' by finger tip. No mechanical platter needed, the metal supports a capacitive touch technology (clickless finger recognition for lowest latency).
- HiRes CC messages in BANK1 are mapped to Nudging & Scratching, LoRes Encoder CC simulation messages (~20 ticks/turn) in BANK2 are mapped to **SONG BROWSER**.
- The heavy full metal knob with ball bearing axis allows precise small position (CUE) movements as well as dynamic speed **ACCELERATION** on fast swipe gestures.
- Touch recognition works high sensitive and is **AUTO-CALIBRATED** (during Power-On, when DECK changed and regularly timer triggered). Do NOT touch the jogwheel when **CONNECTING** controller or when pressing the **DECK** button to get best sensitivity.
- DJPP Tips: The 'speed' of the jogwheel can be modified via 'Ticks per turn' in mapping (we use 600 - 1.000), the Pitch Bend Strength can be adjusted in DJPP Player settings

DJ PLAYER PRO (DJPP) SPECIFIC ADD ONS



- DJPP offers a powerful feature, the 'DJPP SHIFT', enabling additional features on DJPP 2nd page. We mapped this important feature to the bottom MID knob (● blue LED).
- This 'DJPP' SHIFT can be combined with the 'Dark Wheel' SHIFT (bottom left) in any banks. Test it: Pressing SHIFT (Left) + SHIFT (Mid) together deletes hotcue 5-8.

UNIVERSAL MAPPING

- Use the same mapping for 1, 2 or even 4 Dark Wheel's. Use the built in 'Power-On Configuration Setup' features to define your favourite device and DECK alignments.



ADD YOUR OWN FEATURES INTO MAPPING

- Use our mapping as template, add your actions into the slots [free for user mapping]
- MOST POWERFUL:** Dark Wheel firmware can support two BANK layers more, 4 in total. Use the 'Power-On Configuration Setup' to **ENABLE BANK 3 & 4**. The additional two banks are empty in the default mapping, waiting for user ideas ;)



