TITAN²

RACK MOUNT HARDWARE WITH PLUG-IN

A FIRST LOOK

LINK MODES

COMP	CH1 CH2	The channels operate as seperate channels
LIMITER	CH1 CH2	The controls are seperate for each channel
COMP	LINKED	Both the Compressor and Limiter are stereo linked
LIMITER	LINKED	
COMP	DUAL	The Compressor and Limiter are operated by the
LIMITER	DUAL	same controls but are not stereo linked
COMP	DUAL	The Compressors are operated by the same controls
LIMITER	LINKED	but are not stereo linked. The Limiter is stereo linked
COMP	LINKED	The Compressor is stereo linked
LIMITER	DUAL	The Limiters are operated by the same controls but are not stereo linked

FUNCTIONS

COLOR OF NUMBER VALUES CHANGES TO SHOW ENABLED
SETUP AND SETUP VALUE CONTROLS ALLOWS CHANGING THE FUNCTIONS

PDR auto release or program dependent release has 2 PDR settings, for 3 choices
AMOD attack time modification on trigering the limiter - STC-8 function
STC FILTER stc-8 filters and harmonic distotion
LIMITER TIME two different time constants for the limiter
FAT-AIR
settings are
OFF
FAT
AIR
BOTH
VCA HF has a choice for the vca of being brighter or darker
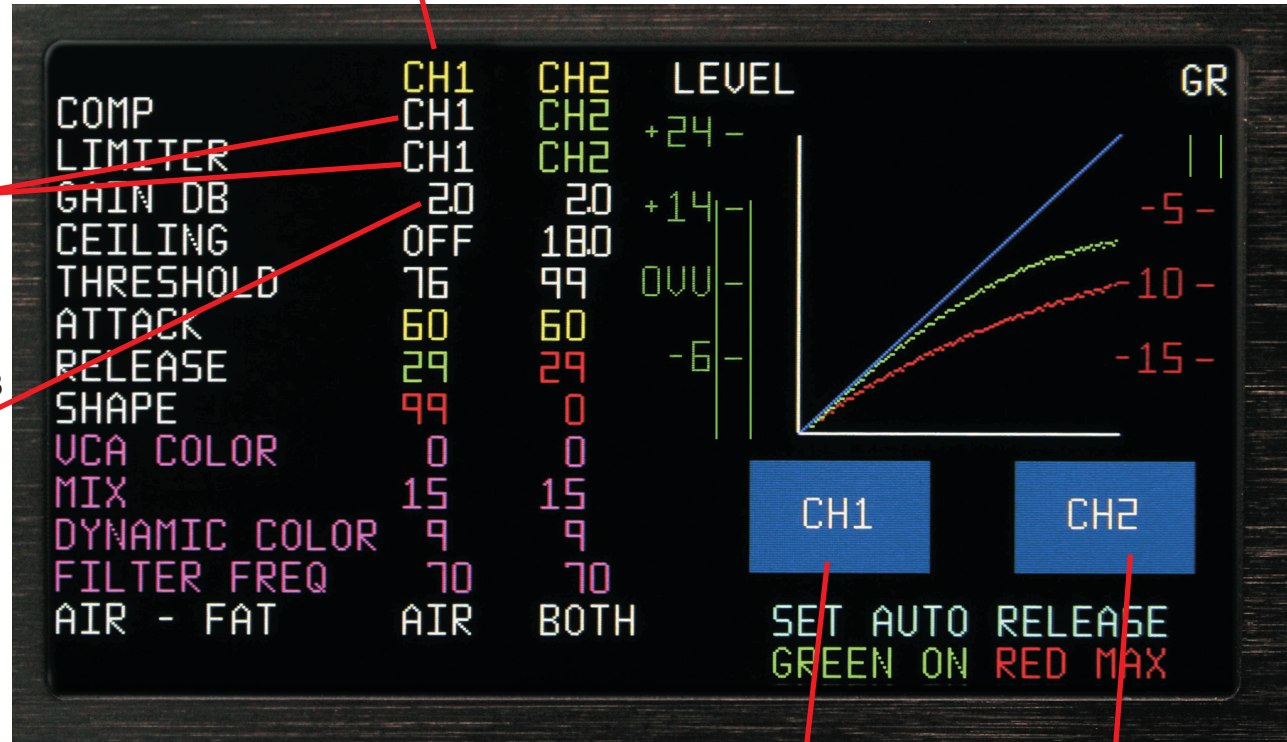

PLUG-IN CONTROL WITH AUTOMATION

LOCAL MEMORIES TO STORE UP TO 9 SETTINGS, PLUS THE WORKING MEMORY

TOUCH load or store then the number for save or recall
SEND will send the current settings to the plug in
On power of the plug-in, the plugin will set the hardware values.
By using the memories LOAD and SEND buttons, the stored
hardware values can be sent to the plug-in

CHANNEL IN OR BYPASSED, YELLOW = CHANNEL IN, DIM WHITE, CHANNEL IS OUT

GREEN SHOWS WHICH CHANNEL IS BEING CONTROLLED IN DUAL MONO

MAKE UP GAIN IN 0.5 DB STEPS TO 11.5 DB MAKE UP GAIN IS FOR THE COMPRESSOR THE LIMITER IS POST MAKE UP GAIN
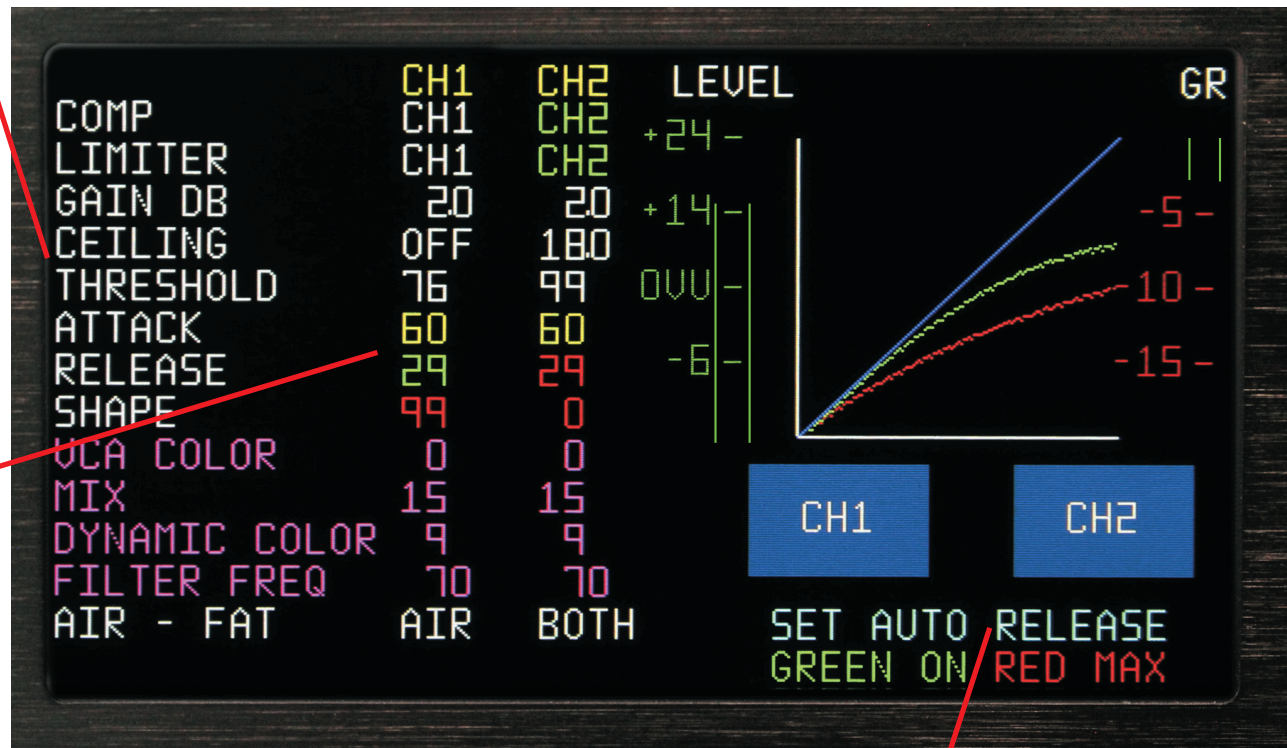
	CH1	CH2	LEVEL	GR
COMP	CH1	CH2	+24	
LIMITER	CH1	CH2	+14	-5
GAIN DB	2.0	2.0	OVV	-10
CEILING	OFF	18.0	-6	-15
THRESHOLD	76	99		
ATTACK	60	60		
RELEASE	29	29		
SHAPE	99	0		
VCA COLOR	0	0		
MIX	15	15		
DYNAMIC COLOR	9	9		
FILTER FREQ	70	70		
AIR - FAT	AIR	BOTH		

CH1   CH2

SET AUTO RELEASE
GREEN ON RED MAX

TOUCH BUTTONS WILL SWITCH BETWEEN BETWEEN CH1 AND CH2, IF IN LINK OR DUAL MODE, SELECTING A BUTTON WILL CHANGE OPERATION TO CH1,CH2 DUAL MONO

CEILING OR LIMITER
HAS 2 TIME CONSTANTS
LONG RELEASE - WHITE
SHORT RELEASE =YELLOW
RATIO GETS UP TO 10 TO 1
DEPENDING ON THE MAKE
UP GAIN. THE LEVEL IN DBu
IS WHERE IT JUST STARTS
OPERATION GR METER
SHOWS RED WHEN LIMITING

ATTACK CAN HAVE ATTACK
MODULATION TURNED ON
THIS IS SHOWN IN YELLOW
THIS WILL SHORTEN THE
COMPRESSOR ATTACK TIME
WHEN EXCEEDING THE
LIMITER THRESHOLD

	CH1	CH2	LEVEL	GR
COMP	CH1	CH2		
LIMITER	CH1	CH2		
GAIN DB	2.0	2.0		
CEILING	OFF	18.0		
THRESHOLD	76	99		
ATTACK	60	60		
RELEASE	29	29		
SHAPE	99	0		
VCA COLOR	0	0		
MIX	15	15		
DYNAMIC COLOR	9	9		
FILTER FREQ	70	70		
AIR - FAT	AIR	BOTH		

+24 –
+14 –
OVU –
-6 –

-5 –
-10 –
-15 –

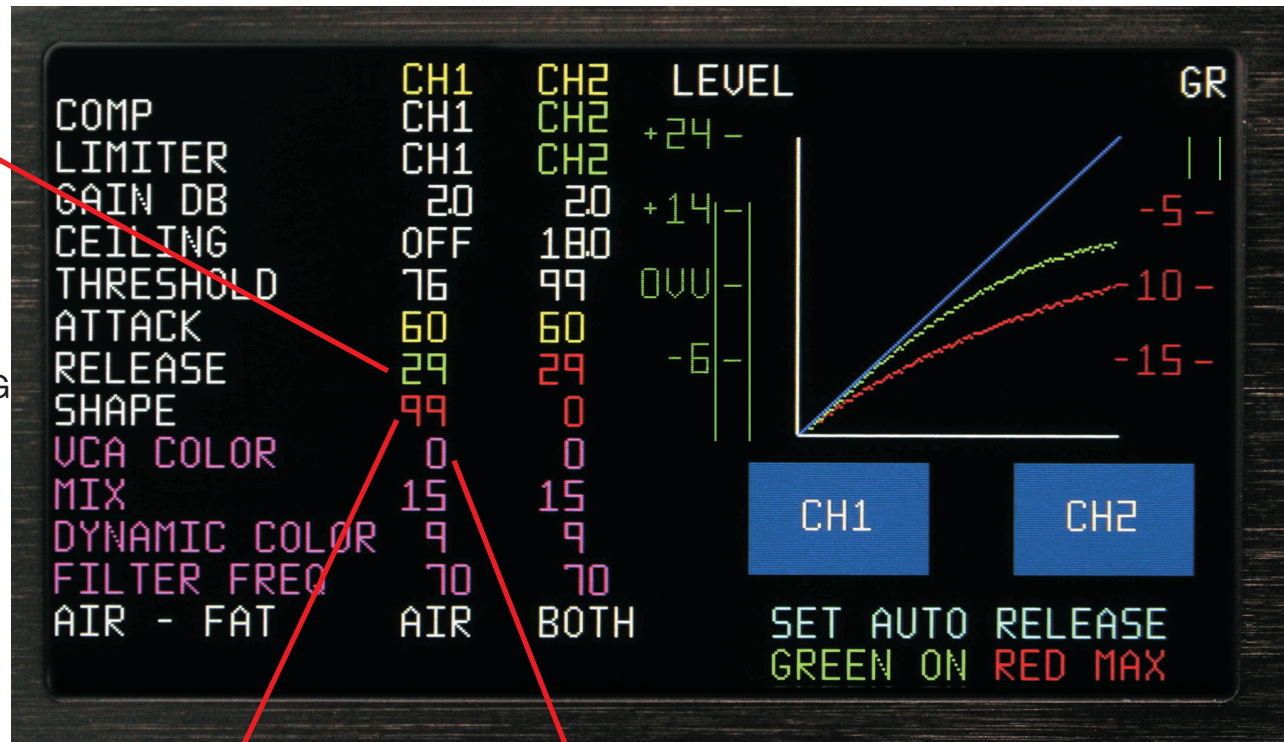CH1   CH2

SET AUTO RELEASE
GREEN ON RED MAX

THE **SETUP CONTROL** SELECTS WHICH SETUP
THE **SETUP VALUE** CONTROL ALLOWS THE FUNCTION
OR COLOR TO BE CHANGED

THE SECOND LINE OF TEXT IS FUNCTION HELP

RELEASE TIME HAS 2 SETUP RELATED SETTINGS (FUNCTIONS) NORMAL (LIKE TITAN) IS WHITE, THERE ARE 2 LEVELS OF AUTO RELEASE GREEN AND RED COLORED TEXT

WHEN THE MAGENTA SETTING "VERY LONG" IS SELECTED WHEN USING A LONG ATTACK ONE CAN LEVEL MATERAL AND KEEP TRANSITS UNMODIFIED
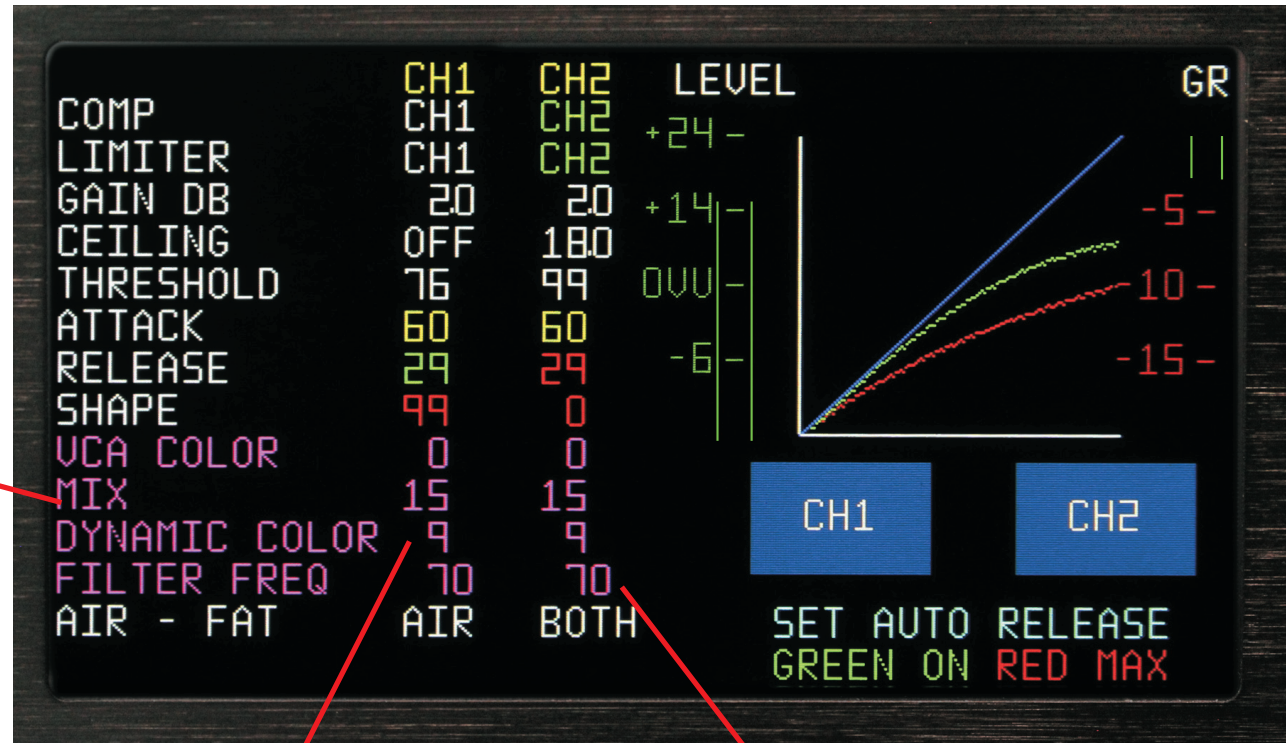
A RELEASE SETTING OF 0 IS MUCH FASTER THAN TITAN RELEASE, FOR EFFECT

	CH1	CH2	LEVEL		GR
COMP	CH1	CH2			
LIMITER	CH1	CH2	+24 –		
GAIN DB	20	20	+14 –		–5 –
CEILING	OFF	180			
THRESHOLD	76	99	OVU –		–10 –
ATTACK	60	60			
RELEASE	29	29	–6 –		–15 –
SHAPE	99	0			
VCA COLOR	0	0			
MIX	15	15			
DYNAMIC COLOR	9	9			
FILTER FREQ	70	70			
AIR – FAT	AIR	BOTH			

CH1   CH2

SET AUTO RELEASE
GREEN ON RED MAX

KNEE SHAPE THIS IS THE SHAPE OF THE COMPRESSION KNEE THE STC LIKE AUDIO PATH IS A FUNCTION SELECTION AND IS SHOWN WHEN THE SHAPE NUMBERS ARE RED THIS RESULTS IN MORE SECOND HARMONIC COLOR. SWITCHING THIS IN WILL MAKE A SMALL CLICK WHEN RUNNING AUDIO
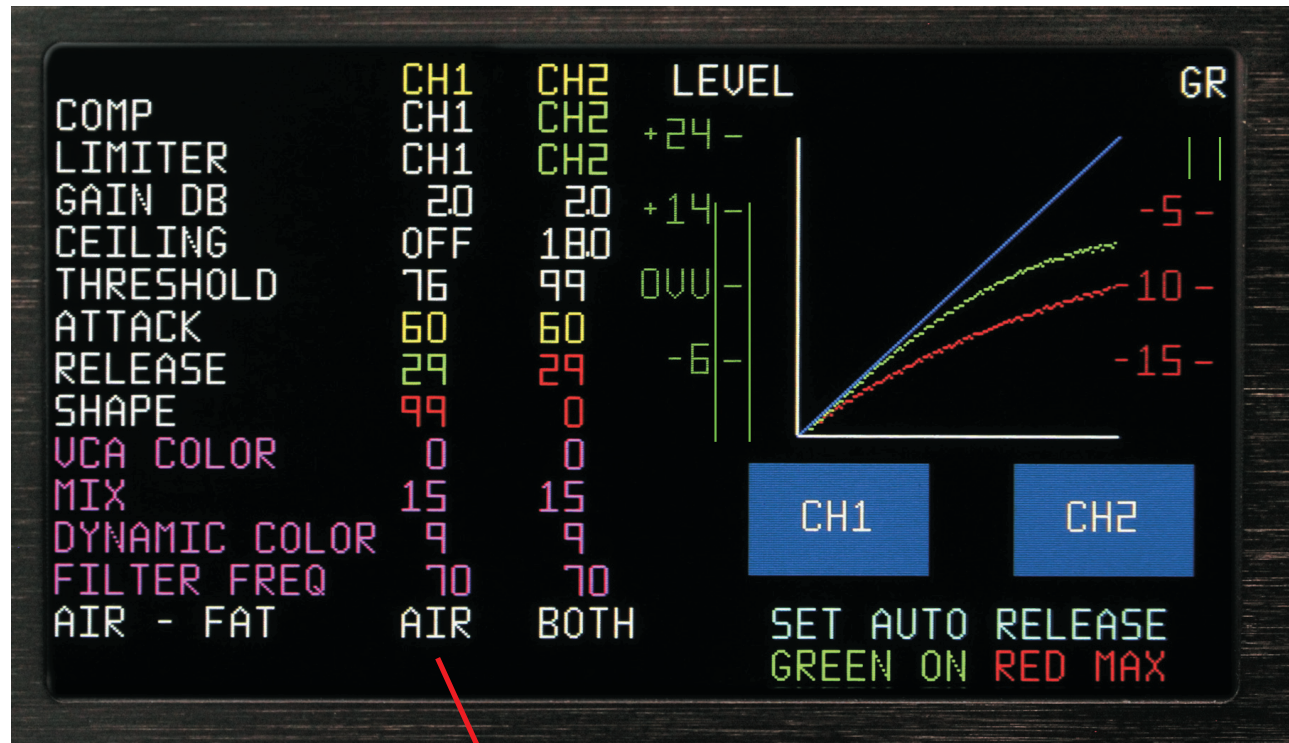
THIS SETTING HAS THIRD HARMONIC COLOR. **VCA COLOR** HAS AN ADDED COLOR THAT THE ORIGINAL TITAN DID NOT HAVE, BY SELECTING IT, NUMBERS SHOWN IN YELLOW THE VCA COLOR WILL HAVE "AIR" THAT TITAN DID NOT HAVE.   NOTE: WITH A SETTING OF 15 THERE IN NO PWM GAIN CONTROL IN THE AUDIO PATH, THUS THE STC COLOR WHEN SELECTED IS NOT PRESENT, 0 TO 14 WILL BE A MIX OF THE PWM AND VINTAGE GAIN CONTROL ELEMENTS

MIX IS THE PARALLEL MIX
FUNCTION

DYNAMIC COLOR IS A FUNCTION THAT WORKS WHEN COMPRESSION
IS TAKING PLACE, IT EXPANDS THE WAVE SHAPE
THIS CREATES THIRD HARMONICS, BUT ALSO BRINGS OUT TRANSITS

THE **FILTER** IS A SIDE CHAIN FILTER
AND MAY BE USEFUL ON SOME MATERAL
AND WILL REDUCE THE EFFECT OF DEEP LF FROM
CAUSING COMPRESSOR GAIN REDUCTION

AIR, FAT, BOTH, IS AN AUDIO PATH FUNCTION, LIKE PARALLEL MIX, BUT IT IS FREQUENCY DEPENDENT

Special thanks to Martin Reus who who is working on the Ethernet interface and plugin
the plugin will be AAX, VST