

Manley voxbox manual free

I'm not a robot!

Manley voxbox manual free

b c d e f g h i j k l m n o p q r s t u v w x y z CALIBRATION PROCEDURE This procedure has been done by the factory and should not be re-adjusted unless absolutely needed and should only be done by a qualified technician. There are potentially painful high voltages inside the VOXBOX so care should be taken even by good technicians. They have been known to get a shock but they also know to use one hand and insulated tools or gloves. The function of each trim is labeled on the diagram on the previous page (page 18). You will need an audio oscillator and a high impedance AC voltmeter plus a medium small tip flat screwdriver and a medium (#2) Phillips screwdriver. After removing the top let the unit warm up for 30 minutes so the voice calibration will be actually valid. You should check basic signal flow and familiarize yourself with the unit during this time (page 1). The first step is to make the EQ / DE-ESSER gain blocks "unity gain" with no EQ or Limiting. Put a 1 KHz +4.0 dBu (1.228 Vrms RMS) tone from an oscillator into the INSERT INPUT and select INSERT. Make sure the EQ and DE-ESSER is BYPASS. Measure the VU OUTPUT plus LINE. It should read the same level as the input signal. If not adjust "trimmer 1" (EQ=UNLIMITED GAIN) for +4.0 dBu (1.228 Vrms RMS). 2) Use the VU meter select switch to read "GR". The VU meter should read "0". If not, adjust trimmer 3 (METER GR ZERO SET). 3) Use the VU meter select switch to read "ATTACK". The VU meter should read "0". If not, adjust trimmer 2 (0 on VU METER = +4.0 dBu = 1.228 VAC RMS). 4) Now put the oscillator into the LINE INPUT and the AC voltmeter on the PREAMP OUT PHONE JACK. Put the PHASE switch into the middle position (LINE) and the GAIN switch to "45". The filter should be set FLAT and COMPRESSOR in BYPASS and both ATTACK and RELEASE to MEDI-JUM. Verify that unity gain for the line input is corresponds on the "INPUT" knob to approximately straight up or 11:00. Set the INPUT for +4.0 dBu (1.228 volts) measured at the PREAMP OUT. Now take the COMPRESSOR out Verify that GR and audio "track" within .5 dB. 6) Now put the oscillator back into the INSERT INPUT and the AC voltmeter on the EQ OUT PHONE JACK. SELECT LIMIT on the De-ess rotary switch. Select "EQ OUT" on the VU meter switch. Now take the DE-ESSER out of BYPASS and turn up the COMPRESSOR THRESHOLD to maximum. Select "PRE OUT" on the VU meter switch. The VU should also read "0". If not adjust "trimmer 4" (COMP CAL) so that it does. 5) Same as above except switch VU to GR mode and adjust COMP GR CAL (trimmer 5). Now turn the threshold so that there is 2 dB of compression. Verify that GR and audio "track" within .5 dB. 6) Now put the oscillator back into the INSERT INPUT and the AC voltmeter on the EQ OUT PHONE JACK. SELECT LIMIT on the De-ess rotary switch. Select "EQ OUT" on the VU meter switch. Now take the DE-ESSER out of BYPASS and turn up the DE-ESSER THRESHOLD to MAXI-MUM so that the output signal is reduced 6 dB which will read -2 dBu or .614 AC volts. The VU meter should read "-6" +/- .5 dB. 7) Same as above but switch VU to D-S and adjust METER DS CAL(trimmer 7). Verify DS and audio track. In other words watch that "real" de-essing and "indicated" de-essing agree. Step 4 sets up the compressor ratio. Step 5 makes the G-R meter agree. Step 6 sets up the LIMIT Threshold and step 7 makes the D-S meter agree. Two units should be calibrated together for the LINK to perform accurately. At the factory we use a test jig that injects a signal into the LINK jacks to ensure unit to unit sameness needed for LINK to be very predictable. The above procedure will be close. The calibration procedure is completed unless you want to double check, which we always recommend. In that case return to step 1. Each of the power supplies (Not B+) is regulated and there are no trim involved. The voltages should be: +12 VDC for filaments, relays & lamps / leds. +15 VDC for ICs used in sidechains and meter drivers-15 VDC for ICS used in sidechains and meter drivers+300 VDC for vacuum tube B+ supplies. 20 Track in real time with the ultimate all-tube vocal processor. The human voice is the first, most natural musical instrument. It's also the most expressive. Like the voice itself, Manley's VOXBOX channel strip is a beautiful and evolved system — a high-end blend of tube-driven preamp, dynamics and EQ circuits, designed specifically for your all-important vocals. Featuring UA's groundbreaking Unison™ technology, the Manley VOXBOX Channel Strip plug-in for Apollo and UAD-2 hardware is a stunningly faithful emulation of this premium vocal channel strip. One listen and you'll hear why it's the choice of Beck, Rick Rubin, U2 and more. Track rich, luxurious vocals in real time through Manley's high-fidelity, Class A tube mic preamp. Easily sculpt vocals with Manley's Pultec-style passive EQ with 33 selectable frequencies. Expertly dial-in signals with transparent optical compressor with 25 Attack and Release combinations. Harness Class A EQ and compression for bass, acoustic guitars, vocals, voiceovers, and more. Organically tame sibilance with unmatched de-esser/limiter section. Control Apollo interface mic preamp gain staging and impedance directly from the VOXBOX plug-in with Unison technology. Learn how to use this incredible channel strip on vocals, bass and drums. Introduced in 1997, the Manley VOXBOX combines the best of Manley's audio designs, including their high-fidelity tube mic preamp, vactrol optical compressor, Pultec-style passive EQ, and de-esser/limiter into a formidable 3U package. Featuring Manley's legendary boutique build quality, including in-house wound transformers, the VOXBOX stands alone as a premium tube-driven toolbox for outstanding vocal tracks. Chock full of Class A vacuum tube tone, the Manley VOXBOX Channel Strip plug-in expertly emulates the hardware's rich, feedback-style mic preamp. Harnessing UA's groundbreaking Unison technology, the VOXBOX plug-in perfectly captures the impedance, gain staging, and the circuit behavior that have made the hardware famous. The secret is Unison's bi-directional control and communication — from the plug-in to the digitally controlled mic preamps in Apollo audio interfaces. Just like the hardware, the Manley VOXBOX plug-in lets you tame transients before the preamps with its flexible optical compressor. This innovative topology, as well as the compressor's 25 interactive Attack and Release combinations, assure exceptionally clean, smooth-sounding tracks. The Manley VOXBOX Channel Strip plug-in's three-band, passive EQ is based on the classic Pultec MEQ-5. With two peak bands, one dip band, and greatly expanded and overlapping frequency selections, this broad-stroke EQ keeps the top end sweet, and the lows defined, yet natural sounding — even with extreme boosts and cuts. At the center of the Manley VOXBOX is its sublime, natural sounding de-esser. With two knobs, you're afforded complete control of not only vocals, but shrill electric guitars, or overly bright overheads. You can also turn off the de-esser frequency control and use this section as an aggressive and colorful limiter. For years, the Manley VOXBOX has been a secret weapon for bassists looking to harness its high-end tube signal path and slick EQ and compression appointments. Engineers have also called on the Manley VOXBOX for clean electric guitars, strings, and drums as it's always-musical results can elevate any source way beyond the ordinary. "We have all worked hard to make the Manley VOXBOX plug-in the most accurate ever. No mean feat when you consider that it is a complex, multi-function unit." — EveAnna Manley President of Manley Labs. "The UAD Manley VOXBOX Channel Strip plug-in is the most authentic analog emulation I've ever heard. It behaves and sounds exactly like the hardware." — Chuck Zwicky (Prince, Soul Asylum, Regga Watts) "The Manley VOXBOX exhibits some of the best tube circuitry in a mic preamp. It can get warm and super clean but can also be driven hard for effect. Now available as a UAD plug-in, it's quite a gift." — Joe Chiccarelli (Jason Mraz, Beck, The Strokes, Morrissey) "The UAD Manley VOXBOX is quickly becoming my favorite preamp for tracking." — Grieves June 22, 2022 Just perfect i found what i was looking for. Just perfect. Read More June 21, 2022 Adds that extra depth warmth and punch for a class vocal Awesome UAD plugin. Literally one of the best sounding channel strips they have on offer. Just buy if you won't be disappointed! Even more happy because I got it on sale :). 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