

Harrison 832c™ Filter Unit



The 832c Filter Unit includes 8 channels of high-pass / low-pass filters from Harrison's world-renowned 32-series console - providing classic Harrison sound for recording and mixing in a convenient 1U space.

The first Harrison console shipped in 1975. Since that time, countless ground-breaking artists have been recorded and mixed on Harrison-designed consoles - AC/DC, Janet Jackson, Queen, ABBA - the list goes on! The greatest selling album of all time - Michael Jackson's "Thriller" - was recorded and mixed on a Harrison 32-series console using the very same filters featured on the 832c Filter Unit!

Overview:

Each channel features in / out buttons (marked "HP" and "LP"), a "Bump" button, 2 sweepable **filter knobs**, and a 7-segment **LED input meter**.

When the filters are engaged, the variable filter knobs adjust the desired frequency. The HPF knob (red) allows adjustment from 25Hz to 3.15KHz. The LPF knob (white) allows adjustment from 180Hz to 20KHz.

When engaged, the unique "Bump" button creates a resonant "boost" just above the selected HPF frequency - re-creating the signature low-end of the Harrison 32-series consoles. This resonance accentuates audible low frequencies while rolling off unneeded sub-low energy (see diagram 1). Combined with proper execution of the LPF, the "Bump" feature makes the 832c Filter Unit the perfect piece to fatten kick drums, beef up bass lines, and add body to guitar tracks.

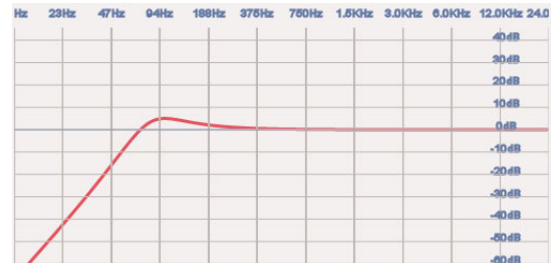
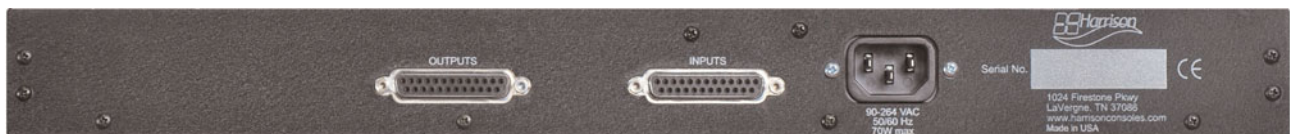


Diagram 1: The "Bump" Feature

The audio connections are provided on AES59 (Tascam DB-25) connectors. These connectors match the output of the Lineage Mic Preamp. When used in tandem, the 832c Filter Unit and the Lineage Mic Preamp provide a complete 8-channel input section with preamp, filters, and metering.

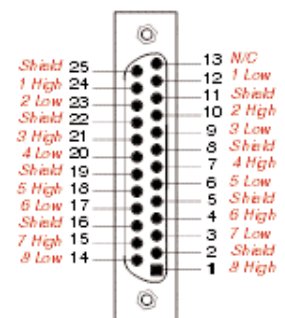


Physical Specifications:

- Height 1RU
- Depth 10.25 inches (26.04 mm)
- 8 balanced inputs on 25-pin "D" sub
- 8 balanced outputs on 25-pin "D" sub
- Variable HP and LP pots

Electrical Specifications:

- Operates from 90 VAC to 264 VAC at 50/60 Hz
- 70W Max





Audio Specifications:

The following specifications apply to Harrison 832c™ Filter Units and are subject to change without notice. Harrison 832c™ Filter Units will be tested to meet only those specifications in effect at the time of final testing. These specifications represent an overall system and not the individual components of a system. They represent the cumulative effect of all components. Additionally, these specifications are stated over a wide range of operating conditions representative of actual use conditions rather than a restrictive set of conditions likely to be seen only when conducting systems tests. Therefore, these specifications represent the worse case in-use conditions rather than test conditions developed for competitive advantage. All level specification tolerances are +/- 1 dB.

• <i>Input Impedance</i>	10K ohms
• <i>Output Impedance</i>	< 50 ohms
• <i>Maximum Input Level</i>	+24 dBu
• <i>Maximum Output Level</i>	+24 dBu
• <i>1khz THD @ +24 dBu</i>	< .01%
• <i>Freq. Response (no filters) 20Hz-20kHz</i>	+/- 0.25 dB
• <i>Freq. Response (filters in) 20Hz-20kHz</i>	+0, -3 dB
• <i>HP / LP Filter Slope</i>	12 dB / Octave

Warranty Registration

To register your Harrison 832c™ Filter Unit, please visit <http://www.harrisonconsoles.com/warranty>

Harrison Limited Warranty

HARRISON warrants this product, under normal use, to be free of defects in materials and workmanship for a period of One (1) Year from date of purchase, so long as: the product is owned by the original purchaser, with proof of purchase from an authorized HARRISON dealer and, the product has been registered to the original purchaser, the purchaser having completed the product warranty electronic registration at www.harrisonconsoles.com. An extended warranty is also made available during the electronic registration process.

In the event that HARRISON receives, from an original purchaser and within the warranty coverage period, written notice of defects in materials or workmanship, HARRISON will either replace the product, repair the product, or refund the purchase price at its option. In the event repair is required, shipment to and from HARRISON and possible nominal handling charges shall be born by the purchaser. In the event that repair is required, a Return Authorization number must be obtained from HARRISON. After this number is obtained, the unit should be shipped back to HARRISON in a protective package with a description of the problem and the Return Authorization clearly written on the package.

In the event that HARRISON determines that the product requires repair because of user misuse or regular wear, it will assess a fair repair or replacement fee. The customer will have the option to pay this fee and have the unit repaired and returned, or not pay this fee and have the unit returned un-repaired.

The remedy for breach of this limited warranty shall not include any other damages. HARRISON will not be liable for consequential, special, indirect, or similar damages or claims including loss of profit or any other commercial damage, even if its agents have been advised of the possibility of such damages, and in no event will HARRISON's liability for any damages to the purchaser or any other person exceed the price paid for the product, regardless of any form of the claim. HARRISON specifically disclaims all other warranties, expressed or implied. Specifically, HARRISON makes no warranty that the product is fit for any particular purpose.

This warranty shall be construed, interpreted, and governed by the laws of the state of Tennessee. If any provision of this warranty is found void, invalid or unenforceable, it will not affect the validity of the balance of the warranty, which shall remain valid and enforceable according to its terms. In the event any remedy hereunder is determined to have failed of its essential purpose, all limitations of liability and exclusion of damages set forth herein shall remain in full force and effect.