

UNITY™ DR16 16-Channel Digital Mixer



OVERVIEW

Every day, musicians strive to bring people together through live performance. In helping artists and engineers achieve their ideal sound, Peavey Electronics® endeavors to meet every need with the new UNITY DR16, the first entry in the UNITY Series of digital mixer products and the first of its kind to be fully expandable. Whether the user is running front of house or their own monitor mix, the UNITY DR16 is a highly adaptable and compatible solution that delivers professional-grade sound.

In its standard configuration, the UNITY DR16 offers 16 inputs, with eight of those inputs boasting Peavey's world class Silencer™ mic preamps. The inputs have a Priority Ducker as well as the ability to group MUTE and SOLO, and all of the input EQs have the Classic Peavey Mid-Morph™ EQ, which enables the user to easily tune in optimal tone. All of these features, plus the two Feedback Eliminators that are assignable to mic input channels and separate Feedback Eliminators on the Auxes and Mains, make the UNITY DR16 a top-of-the-line pick for its category.

With 4 effects processors and highly advanced reverb algorithms, the UNITY DR16's onboard effects are more than enough to meet the user's needs. Don't want to be tied down to the mixing board? The UNITY DR16 features a unique mixed network configuration of up to 10 Ethernet and 4 Wi-Fi connections at the same time! The user can update firmware over these connections for even more convenience. Wi-Fi connectivity also allows the user to adjust the console from the stage or live room via the Peavey UNITY Mix app iOS app (Android coming soon) to get the sound just right. Also available is the UNITY Mix desktop app, which is available for PC.

All UNITY DR16 outputs feature a parametric EQ, a 31-band graphic EQ in cascade and an automatic feedback eliminator. The mixer's advanced monitoring capabilities allow selectable monitor sources, as well as the ability to leverage Aux 3/4 as stereo or mono monitor sends. The UNITY DR16 features real solos on the monitor for all inputs, Aux, and Efx (all solos go to the monitor with the levels assigned in their respective busses). SOLO even applies to the DCA, of which there's an abundant 4 on board. If headroom is a concern, the Clip Limiter ensures no clipping even when exceeding the input level or internal process gain levels.

An Extension Card provides the option to make input channels 13 through 16 analog unbalanced/balanced inputs, S/PDIF, or Dante, with other options to come. With the Expansion

Card, the UNITY DR16 also offers unprecedented expansion and extension by expanding the mixer's inputs through combining multiple DR16s to add 12 input channels for every connected DR16.

Download Unity MIX for iPad:

itunes.apple.com/US/app/id1420380234

**Note: iPad tablet required. Unity MIX app not available on iPhone.*

Unity MIX for Android:

<https://play.google.com/store/apps/details?id=com.peavey.unity>

System Requirements for Unity MIX for PC:

- OS: WinXP SP3 or higher (32-bit/64-bit supported)
- CPU: Pentium 4 1.5GHz / Athlon XP 1500+ or higher
- Memory: 1GB RAM
- Hard Drive: 50MB of free space
- SW: .Net Framework 4

FEATURES

- 16 Inputs (8 Combo inputs with Phantom Power, 4 line in, 4 analog via expansion card)
- 8 Silencer™ mic preamps
- Classic Peavey Mid-Morph™ EQ available on input EQs
- 2 x Feedback Eliminators assignable to the mic inputs channels
- Post mute for sending input only to monitor bus
- Hi-Z inputs on channel 11/12 EFX
- Four effects processors (Reverb, Delay, Modulation and Room)
- Modulation effects feature Chorus, Flanger, Phaser and combination effects
- Advanced reverb algorithms
- Parametric EQ + 31 bands Graphic EQ in cascade
- High Pass/Low Pass filters up to 24dB/oct
- Feedback Eliminator
- Dynamic Loudness
- RMS compressor
- Parametric EQ + 31 bands Graphic EQ in cascade
- High Pass/Low Pass filters up to 24dB/oct
- Feedback Eliminator
- Aux 3/4 assignable as monitors
- 4 Aux Buses
- Real solos on Monitor for inputs/Aux and Efx [solos go to monitor with the levels assigned to the related busses
- L/R to assignable Aux3/4
- Mono L+R assignable to Aux4
- Mixed WiFi/Ethernet network configuration
- Up to 10 Ethernet and 4 WiFi concurrent connections
- Firmware update via Ethernet connection
- Clip Limiter on all Input/Main/Aux paths allowing up to 12dB Headroom with dynamic control

- Priority Ducker on 16 channels
- MUTE Groups
- SOLO Groups
- Real-time Analyzer (RTA)
- 4 DCAs
- USB 2-track recording and playback
- Interactive control iOS/Android/PC/Mac app
- Allows input channels 13-16 to be either 4 analog unbalanced/balanced Inputs, S/ PDIF, or Dante...and much more to come
- Expansion card converts 16 Channel mixer to 24 Channels
- Weight Packed: 11.62 lb(5.27 kg)
- Width Packed: 11.375"(28.8925 cm)
- Height Packed: 20.5"(52.07 cm)
- Depth Packed: 6.5"(16.51 cm)