# Brampton Library Audio Recording Studio Equipment List & Function

| ITEM /PRODUCT # | FUNCTION | MODEL |
|---|---|---|
| Roland Octa-capture USB 2.0 Audio Interface | The Roland Octa-Capture is a sound card that allows the transfer of sound to and from your computer at a professional grade. It is housed with multiple inputs and outputs for instruments and microphones. |  |
| Focal Professional 70W + 35W 2-Way Active 6.5-inch Monitoring System | High-grade midrange speakers. |  |
| Behringer X-Touch Universal Control Surface | This control surface is a human interface which allows the customer to physically control their digital session in Pro Tools. All of the commands on the X-Touch are available within Pro Tools as well. This piece of equipment is available for those who prefer a hands-on approach. |  |

| | | |
|---|---|---|
| Akai 61 Key Semi-Weighted Keyboard Controller | This keyboard is also a MIDI controller that sends data to the computer which then translates that data into sound. Use this equipment to play instruments like the piano, strings, etc. |  |
| Rode Desktop Boom Arm W/ Desk Clamp and Adaptor | Desk microphone stand. |  |
| AKG 9 Pattern Large Diaphragm Condenser Microphone | This microphone uses phantom power, and unlike a dynamic microphone, it has the capability of capturing 360 degrees of sound. |  |
| ART Headamp6 6 Channel Headphone Amplifier | The Headamp6 is a piece of equipment that allows for the output of sound to headphones |  |

| AKG Closed Back Studio Headphones | Headphones output sound travelling from the Headamp6. | |
|---|---|---|
| Yorkville Sound Boom Stand w/ Wheels | Microphone stand. | |
| Yorkville Sound Tripod Boom Stand | Microphone stand. | |

| | | |
|---|---|---|
| Yorkville Sound Round Based Microphone Stand | Microphone stand. |  |
| Yorkville Sound Deluxe Series Microphone Cable (25 Feet) | Cable connecting outputs to the Octa-Capture. |  |
| Link Audio ¼ inch Headphone extension (20 feet) | Cable connecting headphones to the Headamp6. |  |
| Link Audio ¼ TRS-M to 2x ¼ Mono-M Y-Cable (20 Feet) | Cable connecting the Headamp6 to the Octa-Capture. |  |

| SOFTWARE | | |
|---|---|---|
| Komplete 11 Ultimate Production Suite Software | Hard drive loaded with sound files. |  |
| Avid Pro Tools 12 Software | Sound editing software. |  |

# Audio Recording Studio Equipment List Description

## Roland Octa-capture USB 2.0 Audio Interface



## Description

Combining ten inputs, ten outputs, and eight VS PREAMPS with transparent 24-bit/192 kHz audio quality, the Roland OCTA-CAPTURE sets a new standard for portable USB 2.0 audio interfaces. High-level audio production is made possible with this fusion of premium components, Roland-quality engineering, and proprietary preamp and streaming technology. OCTA-CAPTURE is not only a great interface for multi-channel computer-based production, but also a perfect solution for expanding the I/O capability of the V-STUDIO 700 and V-STUDIO 100.

Eight Premium Mic Preamps
OCTA-CAPTURE boasts eight premium-grade digitally controlled mic preamps (VS PREAMPS), built with the same high-grade components as the preamps in the V-STUDIO 700 and M-400 V-Mixer. Eight XLR inputs are provided for the preamps, plus independent phantom power, low-cut filter, phase invert, and digital compression for each channel.

Auto Input Level Adjustment
Simply activate the AUTO-SENS feature with the push of a button, play your connected instruments, and OCTA-CAPTURE automatically sets the ideal recording level for each input. It's great for quick,

fail-safe audio capture when recording either a fully mic'd drum kit or an entire band.

Extreme Low-Latency Driver
OCTA-CAPTURE offers stability and industry-leading low-latency USB performance via Roland's proprietary VS STREAMING technology. All current Mac and PC DAW platforms are supported through ASIO 2.0/WDM (Windows) and Core Audio (Mac) drivers. Thanks to VS STREAMING, you can use multiple devices (two OCTA-CAPTURE units or one OCTA-CAPTURE plus a V-STUDIO 100 or V-STUDIO 700) on the same USB bus without compromising stability, performance, or audio quality.

Four Flexible Monitor Mixes
OCTA-CAPTURE offers four independent Direct Mixers for creating software-controlled monitor mixes. Each mix can be routed to any of the analog outputs and can take advantage of the internal 40-bit DSP processing perfect for sending custom monitor mixes to headphones, speakers, or recording devices.

Features:
Eight premium mic preamps built in (VS PREAMP)
AUTO-SENS function intelligently sets optimal input levels for all preamps
Extremely stable low-latency VS STREAMING driver
Four independent software-controlled Direct Mixers for creating custom monitor mixes
Supports all major DAW platforms on Mac or PC, including OSX 10.6 and Windows 7, through ASIO 2.0/WDM (Windows) and Core Audio (Mac) drivers

# Focal Professional 70W + 35W 2-Way Active 6.5-inch Monitor



# Description

The Alpha 65 performs just as well with instrumental music as with electronic music, and is characterised by its great versatility.

This model is composed of a 6.5 (16.5cm) woofer/ midrange speaker with a Polyglass cone loaded in a large laminar port associated to a 70W amplifier and of a 1" (25mm) aluminum inverted dome tweeter (35W amplifier). Alpha 65 has a frequency response of 40Hz to 22kHz (+/- 3dB).

FEATURES

• Low directivity: keeps the same sound throughout the room
• Damping and rigidity: neutrality, no distortion
• Tonal balance is identical at low and high volumes; low sensitivity to wall effects
• Connect up to 2 audio sources
• Optimal acoustic integration
• Reduced power consumption

SPECIFICATIONS

Frequency response (+/- 3dB): 40Hz - 22kHz
• Power: 105W (70W+35W)
• Maximum SPL: 106dB SPL (pic @ 1m)

Electronics
• Inputs/Connectors: XLR balanced 10kOhms, RCA unbalanced 10kOhms with sensitivity compensation
• LF amplifier stage: 70W, class AB
• HF amplifier stage: 35W, class AB
• Standby Mode Activation: After about 30 minutes without using the monitor
• Power supply (The voltage can not be modified): 220-240V (fuse T800mAL/250V) or 100-120V (fuse T1.6AL/250V)
• Connection: IEC inlet and detachable power cord

User Controls
• Sensitivity: Adjustable, 0 or +6dB
• LF shelving (0 - 300Hz): Adjustable, +/-6dB
• HF shelving (4.5 - 22kHz): Adjustable, +/-3dB
• Power ON/OFF: Switch on rear panel
• Standby mode power consumption: < 0,5W
• Indicators: Power ON/OFF LED - Standby LED

Transducers
• Woofer: 6.5" (16.5cm) drive unit - Polyglass cone
• Tweeter: 1" (25mm) drive unit Aluminium inverted dome

Cabinet
• Construction: 0.6" (15mm) MDF
• Finish: Vinyl and Black painting
• Dimensions with 4 rubber pads (HxWxD): 13.7x9.9x12.2" (348 x 252 x 309mm)
• Weight 20.7lb (9.4kg)

# Behringer X-Touch Universal Control Surface



# Description

Universal Control Surface with 9 Touch-Sensitive Motor Faders, LCD Scribble Strips and Ethernet/USB/MIDI Interface

Lay your hands on your music with the X-TOUCH Universal Control Surface. This controller has everything you need for your home studio or live setup, yet can grow as your needs expand.

From the 9 touch-sensitive, motorized faders and the 8 dynamic LCD scribble strips, to the 8 rotary encoders, 92 illuminated buttons, 8-segment LED meters per channel and dedicated transport controls, the X-TOUCH transforms what's on your DAW's screen into one ultra-compatible, feature-packed surface for precision control and a bird's eye view of critical mix parameters. Connectivity is flexible with both traditional USB and MIDI connections, and it also has an Ethernet port for connection via wired or wireless network.

The X-TOUCH gives you all the tools you need to streamline your workflow, and get the very best

out of your recording and mixing sessions. See and feel the difference a full-service controller can make in your workflow!

Features:

• Universal DAW Remote Controller for Studio and Live applications
• Supports HUI and Mackie Control protocols for seamless integration with every compatible music production software
• 9 fully automated and touch-sensitive 100 mm motorized faders
• 8 dynamic LCD Scribble Strips for instant overview of track names and parameters
• Ethernet interface for RTP (Real-Time Protocol) MIDI and future BEHRINGER X32 remote control
• 8 rotary controls with LED-collars for on-the-fl y adjustments of your favorite parameters
• 92 dedicated illuminated buttons for direct access of key functions
• 8-segment LED meters per channel for precise level control
• Large jog/shuttle wheel and tape-style transport controls for intuitive operation
• Built-in 2x2 USB/MIDI interface for direct connection to Mac• or PC computers and one external MIDI device
• 2 dedicated footswitch connectors and one foot controller input for external remote control
• 2-port powered multi-TT USB hub for connecting additional controllers
• "Planet Earth" switching power supply for maximum flexibility (100 - 240 V~) and low power consumption for energy saving

# Akai 61 Key Semi-Weighted Keyboard Controller



# Description

Engineered to be an all-in-one controller solution, the Akai Professional MPK261 is a performance pad and keyboard controller that combines deep software integration, enhanced workflow, and core technologies from the iconic line of MPC workstations. Each member of Akai Pro's MPK series comes fully loaded with a comprehensive interface for manipulating virtual instruments, effect plugins, DAWs, and more. MPK261 features 61 semi-weighted keys with aftertouch, 8 assignable knobs, faders, and switches, 16 MPC-style pads with RGB feedback, and onboard transport buttons. Three banks expand the number of knobs, faders, and switches (up to 24 each), and four pad banks expand the number of pads (up to 64 total). Plus, MPK261 is optimized to interface directly with your Mac or PC with USB power and plug-and-play connectivity.

Made To Play
MPK261 comes equipped with 61 semi-weighted, full-size keys and a premium piano-style keybed for unprecedented response and natural feel. Each key is velocity-sensitive and outfitted with aftertouch for dynamic, expressive performances and recordings. In addition, onboard Octave Up and Down controls allow players to access the entire melodic range. Bundled with MPK261 is SONiVOXs Eighty-Eight Ensemble, an authentic grand-piano virtual instrument, that lets you compose or perform with pristine, expertly voiced piano samples.

Genuine MPC Functionality
Classic MPC Swing, MPC Note Repeat, MPC Full Level, and 16 Levels are all on board for further inspiration. With MPK261, musicians and composers can incorporate genuine MPC workflow into

their productions and create with the tools that producers have relied on for years: MPC Swing lets MPK261 users obtain that tight, organic groove that made Akai Pros groundbreaking MPC music-making machines so legendary. MPC Note Repeat and 16 Levels make it easy to build beats and construct short melodic sequences using the MPC-style pads. In addition, an arpeggiator, with adjustable resolution, range, and patterns, enables users to explore complex melodic ideas, effortlessly.

Production Software
MPK261 is armed with powerful production softwareAbleton Live Lite and MPC Essentialsfor out-of-the-box music creation. Ableton Live Lite is a fluid audio/MIDI environment that enables musicians and producers to spontaneously compose, record, remix, improvise, and edit musical ideas. MPC Essentials, a groove/beat production and sample-triggering software, can integrate directly into any DAW, such as Ableton Live Lite, or run standalone. In addition, it extends the power of MPK261 by adding up to 8 pad banks and 4 samples and insert effects per pad.

Virtual Instruments
A world-class piano instrument and two high-definition virtual synthesizers bring the best of sample-based and synthesis technology to MPK261 users. SONiVOX Eighty Eight Ensemble is a recreation of the Steinway 9-foot CD 327 grand piano layered with additional orchestral and synthetic instruments for rich, cinematic sounds. Hybrid 3, by AIR Music Tech, is a versatile virtual synthesizer that combines the warmth of legendary analog synths with a full range of futuristic, digital manipulation capabilities. SONiVOX Twist, a spectral morphing synthesis virtual instrument, makes it easy to create serious sounds using simple controls.

FEATURES:
• 61 semi-weighted, full-size keys with aftertouch
• 16 RGB-illuminated MPC-style pads each with 4 banks for 64 pads
• 24 assignable Q-Link controllers include knobs, faders, and switches (8 of each)
• Revamped control layout with backlit LCD screen
• USB-MIDI with 5-pin MIDI input and output
• iOS compatibility using the Apple iPad Camera Connection Kit (sold separately)
• Comprehensive transport & parameter controls for hands-on DAW integration
• MPC Note Repeat, MPC Swing, and arpeggiator for advanced rhythmic and melodic manipulation
• MPC Full Level, 16 Levels, Tap Tempo, and Time Division assist with dynamics and tempo
• Pitch bend, modulation, and octave controls with split mode for expressive performances
• 2 assignable footswitch jacks and 1 expression jack
• USB power and plug-and-play connectivity
• Production software package included: Ableton Live Lite, Hybrid 3 by AIR Music Tech, SONiVOX Twist 2.0, SONiVOX Eighty-Eight Ensemble and Akai Pro MPC Essentials (downloads)

SPRECIFICATIONS
Number of Keys: 61 semi-weighted, full-size keys with aftertouch
Pads: 16 pressure- and velocity-sensitive, light-up MPC-style pads x 4 banks
Q-Link Controls: 8 control knobs, 8 faders, and 8 backlit switches
Computer Interface: USB-MIDI with 5-pin MIDI input & output
Octaves: 10 with Octave Up and Down
Arpeggiator: Yes
Additional Controls: MPC Note Repeat, MPC Swing, MPC Full Level, 16 Levels, Tap Tempo, and Time Division
Additional Inputs: (1) 1/4" (6.35mm) TRS expression pedal input and (2) 1/4" (6.35mm) TS sustain

pedal or footswitch input
Power: USB power; no power adapter required
Dimensions: 35.63" x 12.25" x 3.38"
Weight: 15.1 lbs

REQUIREMENTS
Macintosh: 1.25 GHz G4/G5 or faster (Intel Mac recommended), 1 GB RAM (2 GB recommended), Mac OS X 10.4.11 (10.5 or later recommended)
Windows: 1.5 GHz Pentium 4 or Celeron compatible CPU or faster (multicore CPU recommended), 1 GB RAM (2 GB recommended), Windows 8, Windows 7, Windows Vista or Windows XP, Windows compatible sound card (ASIO driver support recommended), QuickTime recommended

# Rode Desktop Boom Arm W/ Desk Clamp and Adaptor

## Description

Compatible microphones : Procaster, Podcaster
The PSA1 is a studio boom arm for radio, broadcast, studio and home use.It provides full 360 degree rotation.

The PSA1 has a horizontal reach of 820mm, and a vertical reach of 840mm. It is supplied with velcro cable wraps and both desk-clamp and desk-insert style attachments for versatile mounting in desks up to 55mm thick (clamp) or 70mm (insert).

***Mic and shockmount not included***

# AKG 9 Pattern Large Diaphragm Condenser Microphone



# Description

High sensitivity and extremely low self noise
Five switchable polar patterns for placement and application flexibility
Two-color LEDs provide quick visual indication of selected polar pattern and output overload
Elastic capsule suspension greatly minimizes structurally-transmitted noise from chassis vibration
H 85 professional shock mount/stand adapter, PF 80 external pop filter and W 414 X external windscreen. A reference-quality microphone especially used for accurate, beautifully-detailed pickup of any acoustic instrument.

Additional features:

High sound pressure level capability and wide dynamic range
Completely immune to electrostatic and electromagnetic interference from digital gear, computer monitors, etc. thanks to solid metal housing and transformerless output stage
Three switchable bass cut filters and three pre-attenuation pads with LEDs for quick visual indication
All switchable components operate in low impedance circuits for ultra-high reliability even in extremely humid conditions

# ART Headamp6
# 6 Channel Headphone Amplifier



# Description

The HeadAmp6 is a fully-featured six -channel stereo headphone amplifier that includes six auxiliary inputs to allow separate "more-me" mixes on each headphone channel.

Each output channel has a dual function Balance Control which will pan between Left & Right input of the main signal bus, or vary the mix between the main stereo signal bus and the auxiliary input for that respective channel.

Each output channel includes one front and two rear panel stereo 1/4-inch TRS head-phone jacks for ease of installation and quick patching capability. Mono, Mute L, and Mute R select buttons and on each channel select between four operating modes; 1) Stereo, 2) Mono Left, 3) Mono Right, 4) Mono Both (Left & Right) for versatile monitoring solutions. Independent output level controls on each channel personalize monitoring levels.

Input options include XLR and 1/4-inch TRS balanced inputs with matching "Thru" jacks for bridging multiple units. An additional front panel stereo 1/4-inch TRS Direct In jack for quick patch override of the rear panel inputs is included for quick insertion of any stereo source. Master Volume control sets the main signal bus level. Eight-segment precision LED level metering on the main bus and four-segment indicators on each output channel provide visual feedback of the signal level at all key points.

FEATURES:
• Six Independent High-Power Headphone Amplifier Channels
• Dual Function Balance/Mix Control per Channel
• Front Panel Stereo Aux Input for each Channel
• Multiple Monitoring Settings per Channel
• Individual Output Level Control per Channel
• Precision Four Segment LED Metering Per Channel
• Master Volume Control w/ Eight Segment LED Metering
• Front Panel Direct In Jack
• One Front and Two Rear Mounted Headphone Jacks per Channel
• Connects and Drives up to 18 Headphones Simultaneously
• XLR and 1/4" Main Inputs and Outputs

• Parallel Main Outputs for Multiple Unit Use

SPECIFICATIONS:
• Input Connections: XLR-F balanced (2),-inch balanced (9)
• Output Connections: XLR-M balanced (2),-inch balanced (2),-inch stereo headphone (18)
• Input Impedance: 40K Ohms Main,10K Ohms Direct,15K Ohms Aux In
• Output Impedance: <12 Ohms Headphones
• Maximum Input Level: +21dBu (all inputs)
• Maximum Output Level: 150mW (600 Ohm Headphones)500mW (32 Ohm Headphones)150mW (8 Ohm Headphones)
• Maximum Gain: 22dB
• Signal to Noise Ratio: >90dB typical
• THD: <.01% typical
• Dynamic Range: >101dB typical
• CMRR: >40dB
• Phase Shift: <10 degrees, 20Hz - 20kHz
• Power Requirements: 120VAC / 50-60Hz, or 230VAC / 50 Hz, 15 Watts
• Dimensions: (HxWxD inch) 1.75 x 19 x 6
• Dimensions: (HxWxD mm) 44.5 x 483 x 152
• Weight: 5.3 lbs. (2.4kg)

# AKG Closed Back Studio Headphones

# Description

Professional circumaural hi-fi stereo studio headphones
- Self-adjusting headband for optimum fit
- Patented Varimotion speakers
- High noise attenuation
- For onstage and studio use
- Automute feature mutes headphones when they are taken off
- Leatherette and additional velvet ear pads
- Single-sided, detachable 3 m cable and additional 5 m coiled cable

The newly designed AKG legend, K 271 MK II combines the benefits of AKGs circumaural design for extreme comfort and a closed-back design for maximum isolation from ambient noise. Thanks to its XXL transducers, the K 271 MK II sounds clean, smooth and very rich.

The K 271 MK II is the perfect choice for any application where sonic bleed could cause problems such as broadcast work.

Another important feature of the K 271 MK II is the addition of a switch in the headband that mutes the audio just as soon as the headphones are taken off

# Yorkville Sound Boom Stand w/ Wheels



# Description

Large 52"-84", studio wheeled tripod with 46"-87" 3.5lb boom

Specifications:
Maximum Height:84" (213.36 cm)
Minimum Height:51.5" (130.81 cm)
Base Span: 42" (106.68 cm)

# Yorkville Sound Tripod Boom Stand



# Description

Features:
• All Steel Stand Construction
• 36 to 64 inches (91 to 162cm)
• 31-inch (78cm) Boom Included
• All Metal Fittings & Hardware
• Rugged Heavy Duty Clutch
• Wide Tripod Base

Specifications:
Maximum Height:64" (162.6 cm)
Minimum Height:36" (81.4 cm)
Boom Length: 31" (78.7 cm)
Base Span: 26" (66 cm)
Weight: 5 lbs (2.2 kg)

# Yorkville Sound Round Based
# Microphone Stand



# Description

This round based microphone stand with cast iron base gives you stability you can rely on.

Max. Height: 60" / 152.4 cm
Min. Height: 33" / 83.8 cm
Base Span: 9.5" / 24.1 cm
Weight: 9 lbs / 4.1 kg
Colour: Available in Chrome (MS-603) and Black (MS-603B)

# Yorkville Sound Deluxe Series Microphone Cable (25 Feet)



# Description

Quiet performance, heavy-gauge cable, genuine Amphenol connectors and a Lifetime limited warranty are among the features you will find in Yorkville's DLX mic cables.

Dlx Cable Features:
• Amphenol nickel plated connectors with patented Jaws strain relief
• Quad Core 40-Strand 20 gauge, annealed copper conductors
• Vinyl & Copper Braid Inner Shield
• Annealed Copper Braid Outer Shield
• Rugged matte PVC outer covering
• Manufactured in North America
• Lifetime Limited Warranty

MC-25DLX Details
Gauge - 20
Connector 1 - XLR Male
Connector 2 XLR Female
Length - 25 foot

# Link Audio ¼ inch Headphone Extension
# (20 feet)



# Description

Premium Link Audio Platinum Series 20 ft 1/4" TRS male to 1/4" TRS female headphone extension cable.

Link Audio Platinum Series Premium interconnect cables feature improved gold tipped connectors, non-molded all metal strain relieved ends, reinforced breakouts. Platinum Series Cables and connectors are the preferred solution for professional audio applications where superior performance and reliability is required.

Features:
• Non Molded All Metal Connectors
• Gold Plated Connectors for Improved Signal Transfer
• Enhanced Molded Strain Relief
• Reinforced Cable Breakouts
• Braided Shielding
• Oxygen Free Copper Conductors
• Limited Lifetime Warranty

Details:
Connector 1: 1/4" TRS-M
Connector 2: 1/4" -F

# Link Audio ¼ TRS-M to 2x ¼ Mono-M Y-Cable (20 Feet)



# Description

TRS TO DUAL MONO, COLOUR-CODED MONO PLUGS, 20FT

Link Audio Solution deliver unmatched reliability in highly cost effective products designed for live, studio and DJ applications. Covered by Yorkville Sound's limited lifetime warranty, all Link Audio Solutions products provide effective interconnect between audio devices with positive, well-made connectors, oxygen-free copper conductors, effective shielding with rugged coverings and outer shells.

Features:
• Oxygen Free Copper Conductors
• Well Made Nickel Plated Connectors
• Effective EMI and RIF rejection
• Rugged Matte Covering
• Limited Lifetime Warranty

Details:
Connector 1: 1/4" TRS-M
Connector 2: 2 x 1/4" -M
Length: 20 foot

# Komplete 11 Ultimate Production Suite Software



# Description

KOMPLETE 11 ULTIMATE is the supreme music production suite - the ultimate resource for professional production, scoring, performance, and sound design. It's everything you need to create, with an unparalleled collection of 87 inspiring instruments and effects. Cutting-edge synthesizers, carefully sampled acoustic instruments, rich orchestral libraries, and innovative sound design tools, plus the world's leading sampling and synthesis platforms REAKTOR and KONTAKT. And you get it all at a small fraction of the combined cost of the individual products.

The latest KOMPLETE ULTIMATE adds 11 new instruments and effects to expand your sonic horizon and speed up creativity.

KOMPLETE is more than a production suite. It's a way of managing your entire instrument library

easily. It's also a range of fully integrated hardware. And its a specific approach to instrument design that sparks your creativity and keeps it burning.

SYSTEM REQUIREMENTS

• Mac OS X 10.10 or 10.11 (latest update), Intel Core 2 Duo

• Windows 7, Windows 8, or Windows 10 (latest Service Pack, 32/64-bit) Intel Core 2 Duo or AMD Athlon 64 X2

4 GB RAM (6 GB recommended for large KONTAKT Instruments)
15 GB free disk space (363 GB for complete installation).

An internet connection is required to install and activate the products in this KOMPLETE bundle. Once installed, all products can be used offline. Certain products may require additional free downloads. Changes in compatibility with third-party products may depend on restrictions Native Instruments cannot influence.

SUPPORTED INTERFACES

Stand-alone, VST, Audio Units, ASIO, Core Audio, WASAPI, AAX Native (Pro Tools 10 or higher)

PRODUCT INCLUDES

Installation files, PDF manuals of all 87 products.

# Avid Pro Tools 12
# Software



# Description

Avid Pro Tools 12 provides everything you need to compose, record, edit and mix audio compositions. Pro Tools is the audio industry's most powerful digital audio workstation (DAW). With an ultra-efficient audio engine that supports 64-bit performance, musicians and audio producers can create without boundaries. Pro Tools work at the speed of your creativity, so you can take on the most demanding, complex audio sessions with the best sounding mixes possible. Pro Tools 12 also sets the stage for concurrent, shared audio session with Avid Cloud Collaboration and offers access to professional audio and video venue at Avid Marketplace. Avid now offers more flexibility to access Pro Tools 12 in more ways than ever through a low-cost subscription or complete ownership.

Pro Tools licenses also include a full year of Pro Tools support and feature upgrades.

Pro Tools Standard Features: Audio Production Must-Haves

• Re-built Avid Audio Engine boosts plug-in and virtual instrument performance, and optimized processign of host for AAX
• Support for 64-bit architecture, offers increased space for memory and heightens functionality
• Expanded metering
• Provides offline bounce, faster than real-time online bounce - speeds up stem and mix deliveries
• Integrated Avid Video Engine, sync your audio efficiently and accurately with video
• Intuitive interface, easy to use
• Retina support
• Automate while recording

Compose with Pro Tools Features:

More power and performance
With the redesigned Avid Audio Engine and 64-bit performance, you get multiple times the processing power of previous versions of Pro Tools on the same hardware configurations. Add epic numbers of virtual instruments and effects to create bigger, richer sounding, and more complex mixes.

Loop and punch
Create a seamless performance from multiple takes. Let your spontaneity shine with Loop recording and comp together your best takes. Or use QuickPunch to quickly replace any questionable section with a better performance.

Virtual Instruments
Easily create parts for practically any musical instrument using great-sounding virtual instruments, a MIDI keyboard/controller or your mouse, and the built-in Avid Pro Tools MIDI Editor. Get started fast with the included virtual instruments and audio loops, and expand your arsenal with AAX virtual instruments from Avid and third-party audio designers.

Full MIDI and notation tools
Compose and edit virtual instruments and MIDI performances with the MIDI Editor. Or compose music using notation tools in the built-in Sibelius Score Editor. You can even export sessions as Sibelius (.sib) files for further finessing in Sibelius.

Collaborate on projects from other apps
Collaboration has never been easier. With Avid Pro Tools, you can exchange sessions with any Pro Tools user or studio. Or work on projects created in other audio and video softwareincluding Media Composer , Logic, Cubase , and other third-party appsright in Pro Tools.

Edit with precision
Shape and fine-tune your music and audio with professional, sample-accurate editing with Pro Tools. Create a flawless performance by comping together tracks. Speed up editing and mixingClip Gain with the Smart Tool. Add smooth transitions with crossfades. Everything you need to perfect your tracks is available right from within a single Edit window.

Mix your audio to get the sound you want
Now, you can polish mixes with over 60 included effects, sound-processing and utility plug-ins. From high-quality reverbs, EQs, and compressors, to guitar amp emulators, surround sound fold-down, and channel strip dynamics, you have everything you need to create professional mixes. Want more? Browse the in-app Avid Marketplace to find the AAX plug-ins you need.

System Requirements and Compatibility with Pro Tools 12 Software:

For optimal performance and reliability, be sure that your computer or laptop meets the following minimum system requirements.

Mac:

• Intel Mac with Mac OS X 10.8.5 or later
• Intel Core i5 microprocessor
• 4GB RAM (8GB or more required for video playback)
• Internet connection for installation
• 15GB disk space for installation
• USB-port for iLok 2 authorization
• USB-port, FireWire-port or Thunderbolt-port for CoreAudio-supported audio device
• Supports AAX plug-ins in Pro Tools

Windows:

• Intel PC with Windows 7 64-bit (Home Premium, Professional and Ultimate Editions) or Windows 8/8.1 (Standard and Pro Editions)
• Intel Core i5 processor
• 4GB RAM (8GB or more recommended)
• Internet connection for installation
• 15GB disk space for installation
• USB-port for iLok 2 authorization
• USB-port or FireWire-port for ASIO, WDM and MME-supported audio device
• Supports AAX plug-ins in Pro Tools

Additional Requirements:

• iLok 2: Original iLok 1 not supported
• Audio Drive Requirements: One or More Hard Disk Drives Dedicated for Audio Record and Playback
• System Hard Drive: Minimum 15GB free space on startup drive required for Pro Tools installation
• Graphics Card: Dedicated Graphics Card highly recommended
• Audio File Type & Session Support:
- Supported: BWF, AIFF, MXF
- Not Supported: SD2 audio files and Pro Tools 4.x sessions and lower
- Pro Tools 10.3.6 or higher (Mac) will automatically convert SD2 audio files to compatible audio files

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