

AIRES

YOUR RADIO, ANYWHERE



PLAYLIST

SOFTWARE SOLUTIONS



All you need to create and broadcast your content, in one platform.

DECEMBER, 2025

Playlist Software Solutions introduces **Aires**, an innovative platform that virtualizes an entire studio while transforming your radio station into a modern, optimized broadcaster.

Built on the principles of flexibility, scalability, and enhanced efficiency, the features included in **Aires** easily adapt to any type of radio station and can be used across a wide range of processes, such as:

- Content Broadcast Chain
- Radio Network
- Home studio
- Podcast Production and Distribution
- Livestream
- Sports Broadcasts
- Live Event Coverage
- Video Master Control
- Reporter-Station Link
- Primary, Secondary, and Mobile Studios

Consisting of Software and Web Services



The **Aires Platform** consists of **Aires Studio**, **Aires Reporter**, and the **Aires Cloud** web service — a suite of applications and services. This combination of software and services is designed to enable radio stations, broadcasters, journalists, podcasters, and radio enthusiasts to produce, broadcast, and distribute a complete audio and video programming schedule.

Built in innovative features make Aires Studio more than a virtual console

- On-screen mixers for both analog and digital device inputs

- Audio processing for each input, supporting VST3 plugins

- Broadcasts between studios and reporters over proprietary, built-in codec

- Camera control, support to NDI and integration to both OBS and VMix

- Automatic scene switching setup based on microphone modulation



- Three PGM BUSes which allow sending up to 03 (three programmings to different destinations)

- Monitor, CUE and Headphone outputs

- Independent recordings of the PGM BUSes, event tagging for easy editing and use on replays

- Integration to VoIP phone systems

- Integration with browser-based calling, generating a link to invite participants

AIRES STUDIO

Aires Studio is an advanced virtual console designed for use in a variety of environments: main or secondary radio studios, mobile studios, and home studios. It can be installed on a PC, Mac, or iPad. With **Aires Studio**, users can perform audio mixing, live broadcasts, recordings, scene control, and other essential operations for producing high-quality radio and podcast programs, regardless of the work environment.



When installed on a smartphone, Aires Studio automatically enters a special mode with only four Mixer Tracks available.

This significantly simplifies the app's usability, allowing it to be operated in both portrait and landscape orientation. This approach increases productivity for field broadcasts and content sharing.

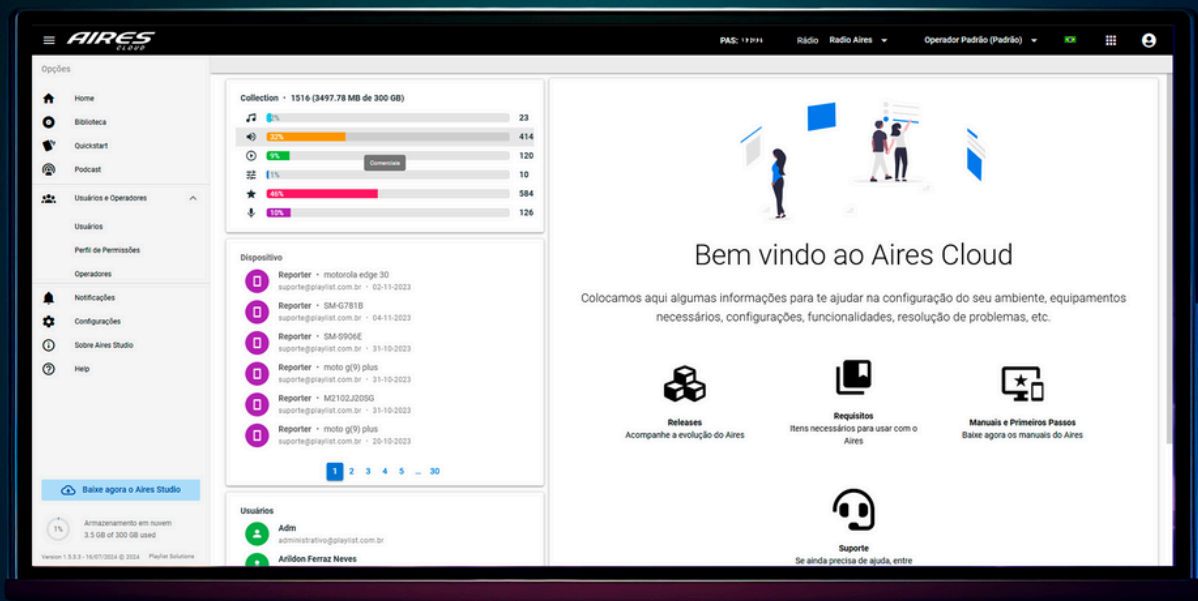


Innovative features allow **Aires Studio** to easily connect with NDI sources, greatly expanding its possible applications. In addition, **Aires** integrates seamlessly with VMix and OBS Studio, enabling a radio station to become a video-generation channel and adding versatility and dynamism to the production and broadcasting of different types of content.



AIRES CLOUD

Through the **Aires Cloud** service, accessible within the app, you can manage, store, and share all produced content. It also allows you to create podcast channels and distribute them across multiple listening platforms. This service provides effective content management while offering a simple way to reach a broader audience through podcast platforms.



AIRES REPORTER

The **Aires** platform includes an exclusive app for reporters and correspondents:

The **Aires Reporter** application is designed to simplify interaction between the reporter and the radio studio, ensuring that live inserts or field broadcasts are carried out easily and successfully. With simple operation and impeccable audio quality, **Aires Reporter** becomes an indispensable tool for professionals in the field.



THE FUTURE IS NOW!

*Organize and enhance your
display and broadcasting
workflows.*

*Operate with a more
productive and sustainable
structure!*

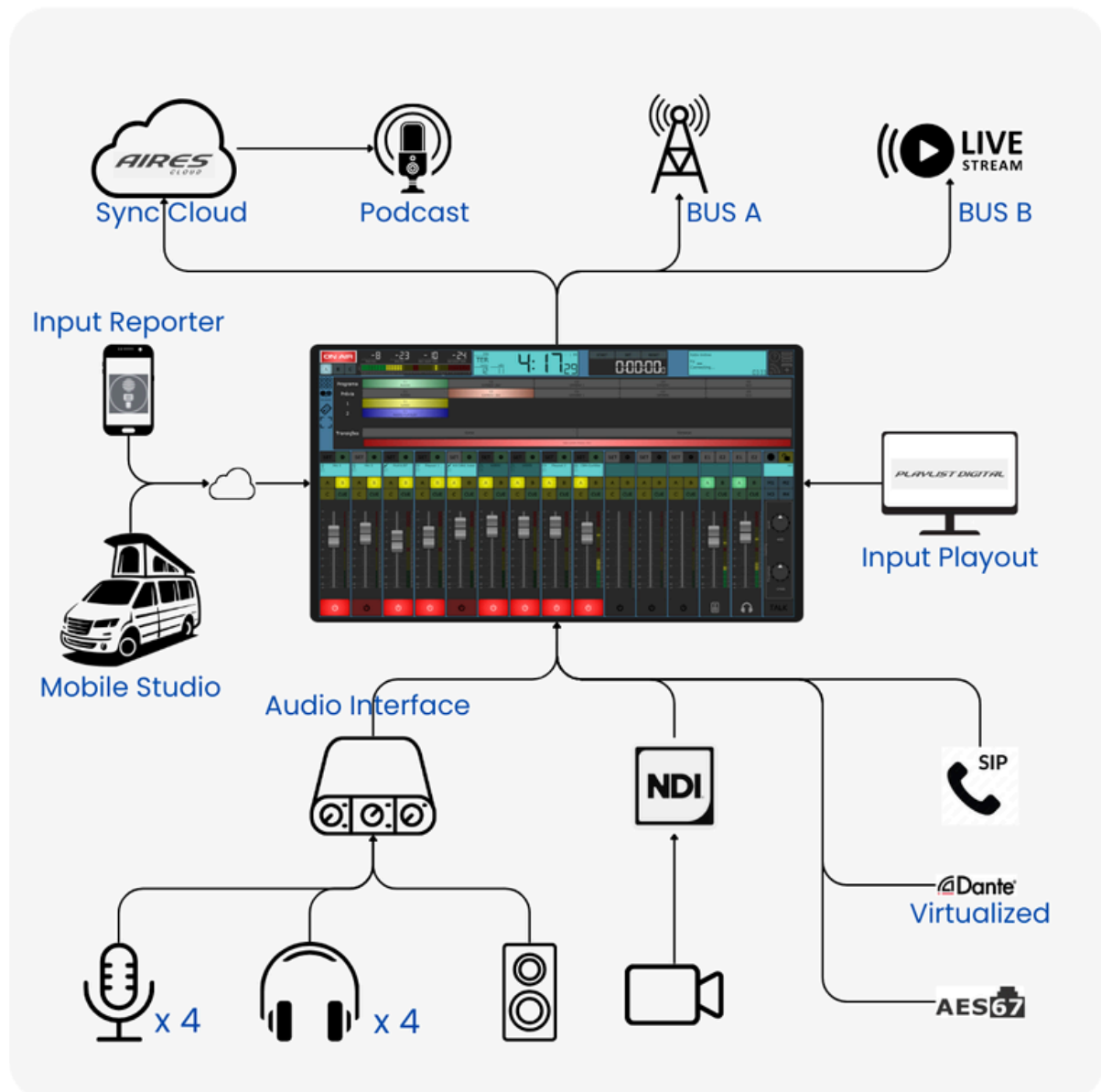
With a highly intuitive interface, **Aires Reporter** provides reporters, correspondents, and presenters with all the essential tools for reporting and covering live events.

Aires System Architecture

The **Aires** platform was designed and built with advanced software engineering technologies, ensuring a robust, scalable, and flexible architecture.

This makes it possible to deliver the best resources to use across different computing platforms and various scenarios, from small local applications to complex implementations with external ecosystems such as AES67, DANTE, NDI, and SIP.

Compatibility with multiple devices increases the versatility of the solution, enabling unprecedented audio transmission. The ability to adapt to different broadcasting requirements makes the **Aires** platform an ideal solution for professionals seeking quality, efficiency, and innovation.



Features and Capabilities



Aires Studio is a virtual console designed for use in main and auxiliary radio studios, mobile studios, and home studios.

Key Features:

- 12 on-screen mixer tracks that accept analog, digital, and virtual inputs
- Dynamic source selection on each mixer track
- Individual configuration of red-light trigger, gain, and balance
- Mix-minus available on all sources and destinations
- Label (name) management for sources and destinations
- 3 PGM buses for handling up to three program outputs
- Outputs and controls for monitor, headphones, and CUE
- 2 dedicated sources for external monitoring
- 4 memory buttons that store operation profiles
- Talkback function for communication with remote connections
- On-screen clock and calendar
- Event timer/chronometer
- Stereo bargraph meters with PEAK and RMS counters
- VST3 plugin support
- Independent audio processing on sources and PGM buses
- Pairing between computers, tablets, and smartphones
- AoIP communication with AES67 and DANTE
- Studio and reporter transmission via built-in codec
- Connectivity with NDI-enabled systems and devices
- Integration with OBS and vMix
- Integration with VoIP telephony systems
- Support for ASIO and Windows Audio devices
- Post-fade recorder in AAC, MP3, or OPUS formats
- Event tag insertion during recording
- Crop tool for recorded events
- Content synchronization across connected devices
- Shared QuickStart panel (buttons)
- QuickStart editor (buttons)
- Compatible with touchscreen monitors
- MIDI console integration
- Available for PC, Mac, Android tablets, and iPad



Aires Studio allows you to set up a complete studio using a standard PC or an iPad, with a codec, processor, mixer, and recorder all integrated into the application.

Even the PC already in use for playout automation can serve this purpose, as the input channels of the **Aires Studio** virtual mixer are compatible with any automation software.

This means you don't need to invest in new equipment or make major changes to your existing infrastructure to take advantage of the advanced features of **Aires Studio**. Integration is simple and straightforward, allowing you to maintain your current workflows while improving transmission efficiency and quality.

Features and Capabilities

AIRES REPORTER

Aires Reporter is the app used by reporters and correspondents for live reports and event coverage. Its purpose is to streamline interaction between the reporter and the radio studio and ensure that live inserts or field broadcasts are carried out easily and successfully.

Key Features:

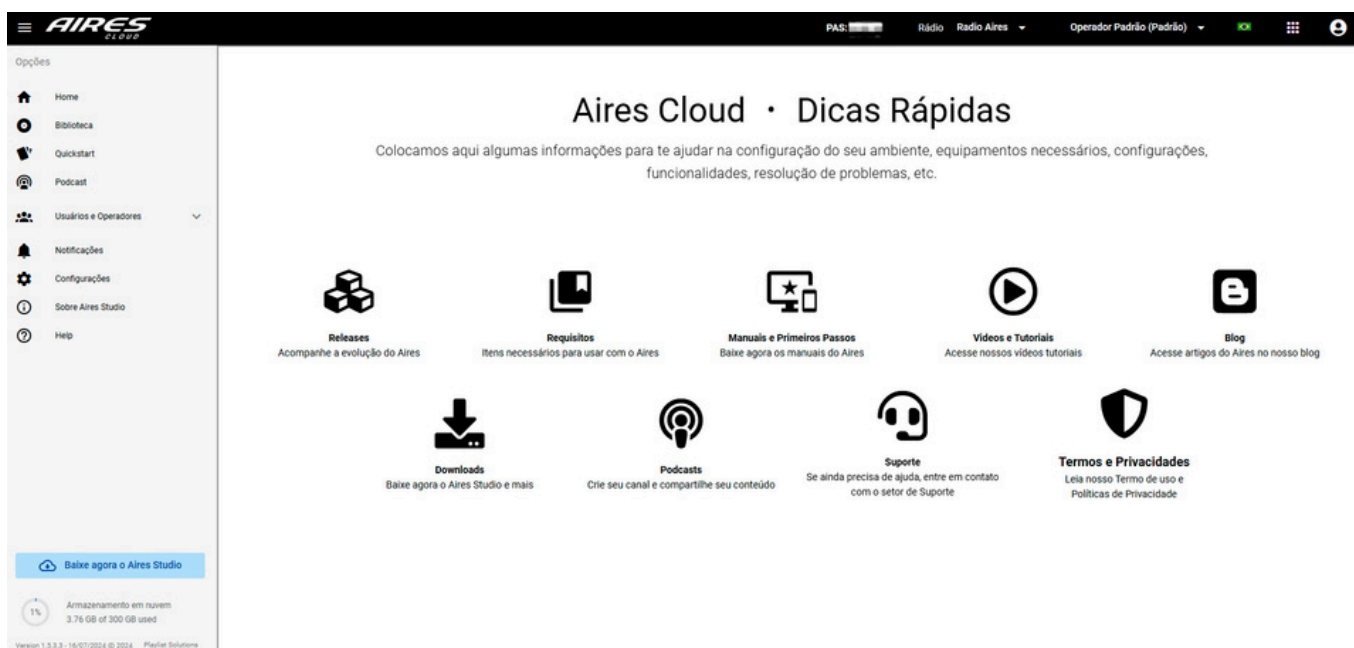
- Studio transmission via codec integrated into the application
- Bitrate configuration from 8 Kbps to 512 Kbps
- Exclusive talkback
- Pairing between the mobile device and the studio
- Online or offline audio recording
- Synchronization of recorded content with the on-air studio
- Outputs and controls for monitor and headphones
- Compatible with Bluetooth devices
- Display component with connection information
- Available for Android and iOS



Features and Capabilities



Aires Cloud is a web service, accessible through the portal <https://aires.studio>, responsible for storing, synchronizing, distributing, and managing content, as well as enabling full control of the Aires platform workspace.



Key Features:

- Cloud-based content storage
- Audio library organization
- Synchronization of shared content
- Environment for creating and distributing podcast channels
- Configuration, control, and management of users, devices, and access permissions
- VoIP channel configuration system
- Environment for configuring and controlling streaming reception and transmission
- Access from any web browser

System Requirements

For connections between users:

Reporter → Main Studio

We recommend using at least two devices:

- A PC or iPad with Aires Studio
- A smartphone with Aires Reporter

The following hardware and operating system requirements are subject to change without prior notice. We recommend always checking the Help section in the *Aires Cloud* web service at <https://aires.studio>.

For on-air studios, we recommend using a USB audio interface with ASIO support and at least eight inputs/outputs. Onboard sound cards should be used only for preview listening (CUE).

On-Air Studio - Main

To ensure a stable communication environment when using **Aires Studio** in the main studio, especially for receiving connections from other units, reporter calls, and integrating with VoIP and NDI devices and systems, we recommend the following network configuration:



Network and Broadband Requirements

- Dedicated broadband Internet of 10 Mbps or higher.
- Exclusive UDP port range (e.g., 32000–32020).
- Connection to the router/switch through a 1 Gb Ethernet RJ45 interface.
- Enable the network firewall.
- Enable the operating system firewall for Aires Studio.



Aires Studio Computer – Windows 10 or later

- 10th Gen Intel® Core™ i5 processor or higher
- Graphics support: NVIDIA® GeForce® GTX 1030 or AMD Radeon RX 5300
- RAM: 16 GB
- Storage: 1 TB 7200 RPM SATA HDD with at least 40 GB of free space
- Network interface: Gigabit Ethernet 10/100/1000BASE-T (RJ-45 connector)
- USB ports: USB 2.0 and 3.0 or higher
- Display: 23" Touch Screen monitor with 1920 × 1080 resolution
- Audio interface: 8 In/Out, 24-bit, ASIO-compatible
- Keyboard and Mouse



Aires Studio Computer – macOS version 10.15 or later

- Processor: 2.5 GHz Intel® Core i5 or higher
- RAM: 16 GB
- Storage: 1 TB 7200 RPM SATA HDD with at least 40 GB of free space
- Network: Gigabit Ethernet 10/100/1000BASE-T (RJ-45 connector)
- USB Ports: USB 3.0
- Graphics Support: AMD® Radeon R9 M380
- Display: 23" Touch Screen monitor with 1920 × 1080 resolution
- Audio Interface: 8-channel (In/Out), 24-bit, Core Audio-compatible
- Accessories: Keyboard and mouse

System Requirements

Outside Broadcast (OB) Studios and Home Studios

To ensure mobility and flexibility in remote studios, using **Aires Studio** on laptops and tablets such as the iPad, together with audio interfaces featuring 4 (four) or even 2 (two) inputs/outputs, offers highly advantageous options.



Laptop Aires Studio - Windows 10 or above

- Processor: 10th Gen Intel® Core i3 or higher
- Graphics: Integrated graphics
- RAM: 8 GB
- Storage: 256 GB SSD
- Network: Gigabit Ethernet 10/100/1000BASE-T
- USB Ports: USB 3.0 or higher
- Display: 13" screen or larger
- Optional: Touch screen
- Audio Interface: 2 (two) or more In/Out, 24-bit, ASIO-compatible



iPad Aires Studio - iOS 15 or above

- iPad (5th Generation or later)
- iPad mini (5th Generation or later)
- iPad Air 2 or later
- iPad Pro
- Audio Interface: 2 (two) or more In/Out, 24-bit, Core Audio-compatible

System Requirements

Aires Studio and Aires Reporter Smartphone Versions

The smartphone version of **Aires Studio**, available for both Android and iPhone, is essentially a streamlined edition of **Aires Studio** with a reduced number of Mixer Tracks, 4 (four).

Aires Studio adapts to a smaller interface and can be operated in both portrait and landscape modes, providing reporters and correspondents with all the essential components for event coverage. The basic requirements are:



iPhone iOS Version

- Device
 - Apple iPhone 8 or later
- Operating system
 - Versão: iOS 14 or later



ANDROID Version

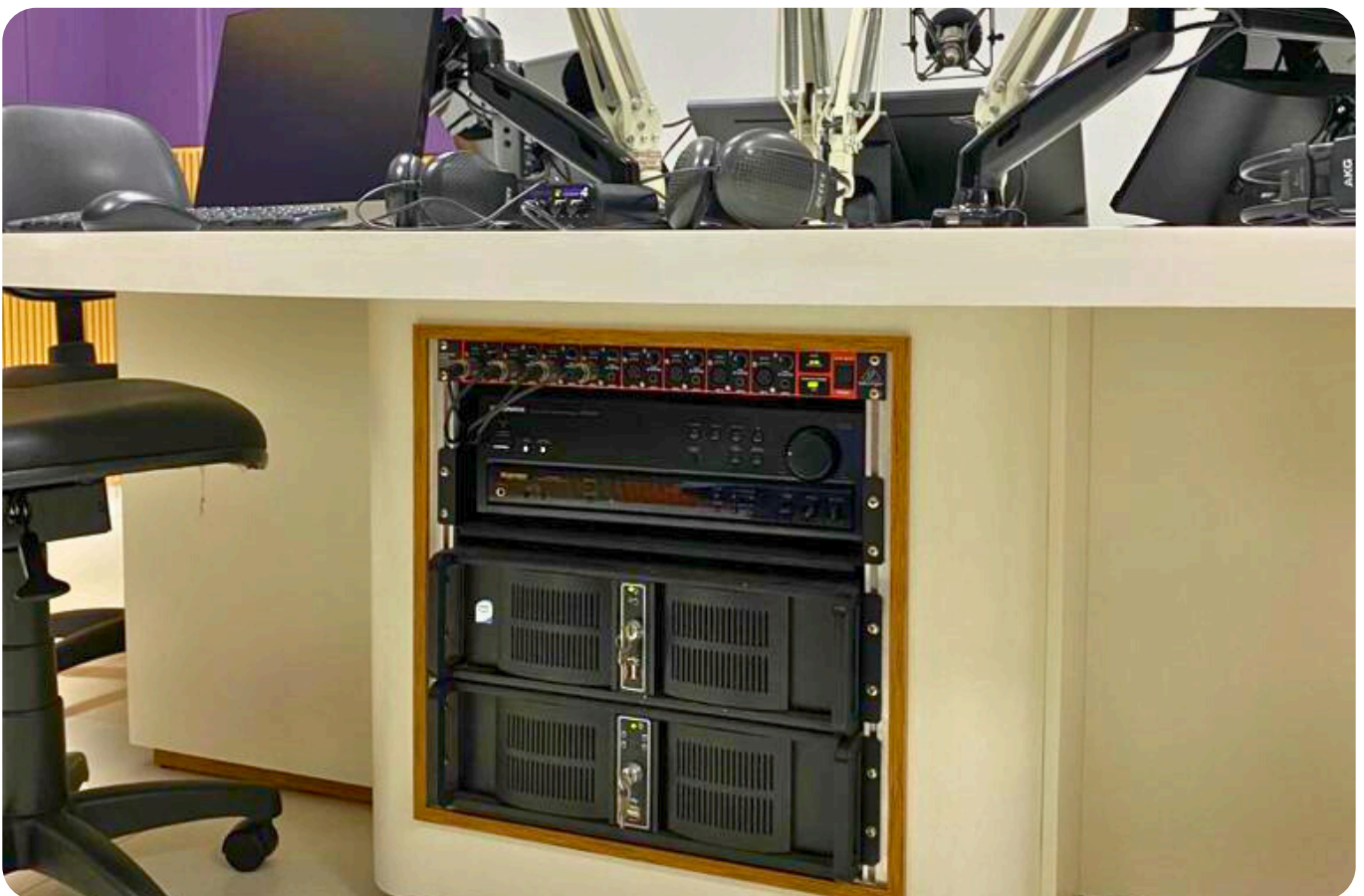
- Processor:
 - 1.5Ghz Quad Core
- RAM:
 - 3GB.
- Storage:
 - 16GB

Recomendamos sempre consultar compatibilidades na guia ajuda no serviço web **Aires Cloud** em <https://aires.studio>.

Accessories and Audio Interfaces

For optimal operation and to fully leverage the capabilities of **Aires Studio**, our R&D department continuously performs a wide range of tests with various equipment and network infrastructures. Below, we present a selection of devices and accessories that can be used with the platform.

Audio interface



The use of an audio interface is necessary not only to achieve excellent audio quality but also because these interfaces provide the capability to convert analog equipment, such as microphones or hybrid telephone units, into digital audio for processing.

In addition, these interfaces provide ASIO driver support, which, when configured in Aires Studio, significantly reduces latency.

On-Air Studio

For on-air or master studios, we recommend audio interfaces with a minimum of 8 input/output channels.



PRESONUS STUDIO 1824c



BEHRINGER U-PHORIA UMC1820



TASCAM US-20X20



FOCUSRITE SCARLETT 18i20



BEHRINGER X AIR XR18

OB Studios / Home Studios

For broadcasts requiring a lower number of IN/OUT channels, such as mobile units, sports event coverage, and home studios, we recommend the following interfaces.



TASCAM US-4x4



**U-PHORIA
UMC202HD**



**U-PHORIA
UMC404HD**

HUB USB

We recommend using USB hubs only if multiple accessory connections are needed and the **Aires Studio** device does not have enough USB ports.

The recommendation of these devices is based on tests conducted by our Research and Development team. As there are various devices with similar characteristics, the recommendations are subject to change without prior notice.



**USB C HUB - 4
USB 3.0 CHARGING ADAPTER**



HUB ANKER 4-PORT USB

USB Adapters for Smartphones and Tablets

Many USB devices can be connected to a smartphone or tablet, such as microphones, MIDI controllers, USB hubs, etc. These devices generally require adapters, and we present two types below:



**Camera Adapter
(Lightning to USB)
for iPhone and iPad**



**USB adapter
for Smartphones Android
(Ensure your device is properly
connected)**

USB Microphones

USB microphones are recommended to use with a direct connection to the adapters mentioned above for the following devices:

Microphones with a basic sampling rate of 16-bit, 44.1/48 kHz should be used. We recommend dynamic microphones for broadcasts where there is no acoustic treatment.



**SAMSON G-TRACK
USB CONDENSER**



**AUDIO TECHINICA
ATR 2100-USB**

MIDI Controllers

MIDI controllers are recommended when the device being used (computer/laptop) does not have a touchscreen display, or when you want to perform mixing in the same way as with the consoles currently used in radio stations. Below, we present some recommended MIDI controllers:



**BEHRINGER X-TOUCH
COMPACT**



**USB MIDI KORG
NANOKONTROL2**



**USB MIDI KORG
NANOKONTROL 2**

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