

# DAC32/DIGI32

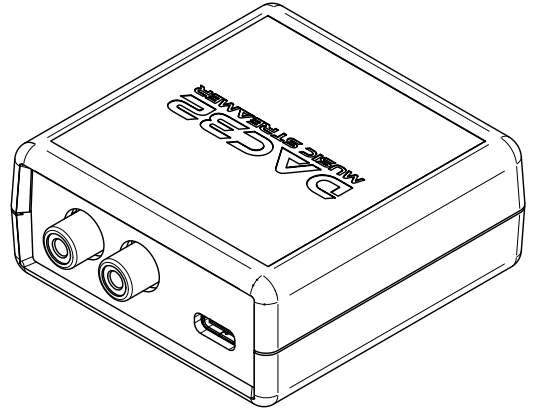
## Quick Start Guide

Instructions apply to both DAC32 and DIGI32

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CORE32 User Guide  
<https://core32doc.polyvection.com>

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### Package Contents

- 1 x DAC32 or DIGI32
- 1 x USB-C to USB-A cable
- 1 x Quick Start Guide
- 1 x Compliance Information

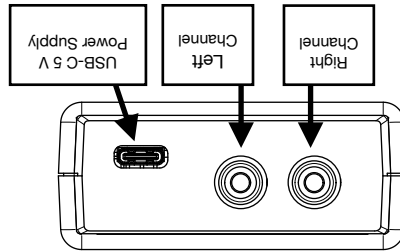
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**Thank you for choosing  
DAC32**

In this guide, we describe how to connect DAC32 to your WiFi network and how to play music. This is just a quick start guide - the full handbook is available on <https://p-v.co/1>. In case you have any issues please contact us via [support@polyvection.com](mailto:support@polyvection.com)

Please consider leaving feedback if you are happy with your purchase - thank you!

Connect your DAC32 to a suitable analogue line-level input of your amplifier, active speaker or soundbar. Then connect it to a USB power source\* using the supplied USB-C to USB-A cable



### Step 1 - Wiring

1. Open the network settings of your smartphone or computer
  2. DAC32 is shown as a new WiFi hotspot in the list
  3. Connect to "DAC32-xxx" The password is "squeezeelite"
  4. A new log-in screen will automatically appear
  5. Choose your home WiFi and enter the corresponding password.
  6. DIGI32 is now ready to use
- Make a note of the allocated IP address which is shown at the bottom of the Log-in screen**
- Note: You can also initially access the log-in page by entering 192.168.4.1 in a browser subject bar

### Step 2 - Network Connection

## Step 3 - Playing music

Currently DAC32 supports the following streaming technologies where it can be automatically discovered.-

### 1. Squeezelite / Logitech Media Server (LMS) / Roon

This is a lossless multi-room network streaming system with a very active international community. In addition to many on-line services, LMS also supports storing local music files of up to 24/192 resolution. For Roon users, please ensure that you activate the Squeezebox compatibility mode on your server.

*Note: Ensure that only one LMS is running on your network*

### Wi-Fi signal strength indication (LMS only)

Open the LMS web page and go to: -

*Settings > Player (basic Settings) > Player Information > Wireless Signal Strength*

**IMPORTANT: PLEASE RETAIN THIS INFORMATION FOR FUTURE REFERENCE.**

**Warnings**  
• Any external power supply used with DAC 32 shall comply with relevant regulations and standards applicable in the country of intended use.  
The power supply should provide 5V DC and a minimum rated current of 1A.  
**Instructions for safe use**  
• This product should not be overlocked.  
• Do not expose this product to water or moisture, and do not place it on a conductive surface whilst in operation.  
• Do not expose this product to heat from any source; it is designed for reliable operation at normal room temperatures.  
• Do not expose board to high intensity light sources (e.g. xenon flash or laser)  
• Operate this product in a well-ventilated environment, and do not cover it during use.  
• Place this product on a stable, flat, non-conductive surface while in use, and do not let it contact conductive items.  
• Take care while handling this product to avoid mechanical or electrical damage to the printed circuit board and connectors (for naked board without enclosure)  
• Avoid handling this product while it is powered. Only handle by the edges to minimize the risk of electrostatic discharge damage (for naked board without enclosure)  
• Any peripheral or equipment used with DAC32 should comply with relevant standards for the country of use and be marked accordingly to ensure that safety and performance requirements are met. Such equipment includes, but is not limited to, amplifiers, active speakers and soundbars.

For all compliance certificates and numbers, please visit [www.polyvection.com/compliance](http://www.polyvection.com/compliance).

EU Radio Equipment Directive (2014/53/EU) Declaration of Conformity (DoC)  
We, PolyVection UG (haftungsbeschränkt), Haus 99, Raum 210, Ruhlsdorfer Str. 95, 14532 Stahnsdorf, Germany

Declare under our sole responsibility that the product: DAC32 to which this declaration relates is in conformity with the essential requirements and other relevant requirements of the Radio Equipment Directive (2014/53/EU). The product is in conformity with the following standards and/or other normative documents: SAFETY (art 3.1.a): EN62368-1: 2014 + A11:2007 and EN 62311: 2008 EMC (art 3.1.b): EN 301 489-1/ V2.2.3 and EN 301 489-17 Ver. 3.2.0 EN 55024 as Class B equipment) SPECTRUM (art 3. 2): EN 300 328 Ver 2.1.1, EN 301 893 V2.1.0 In accordance with Article 10.8 of the Radio Equipment Directive: The device 'DAC32' operates in compliance with harmonised standard EN 300 328 v2.1.1 and transceives within the frequency band 2,400 MHz to 2,483.5 MHz and, as per Clause 4.3.2.2 for wideband modulation type equipment, operates at a maximum e.i.r.p. of 20dBm.

The DAC32 complies with the relevant provisions of the RoHS Directive for the European Union.

WEEE Directive Statement for the European Union  
This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for

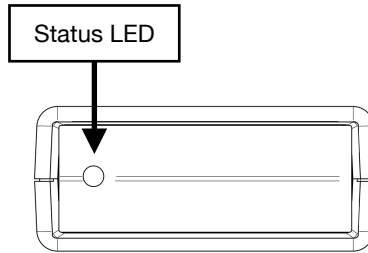
### 2. Bluetooth

Not lossless, but widely used point-to-point audio streaming protocol. Please always connect DAC32 to a WLAN even if you are only using Bluetooth.

### 3. AirPlay

Network streaming technology for Apple devices.

## LED Display



- Red rapid flashing: no network connection
- Red solid: playback paused
- Red slow flashing: standby
- Green solid: playback

**Deutsche** Compliance- und Sicherheitsinformationen Produktname: DAC32  
**WICHTIG: BITTE BEWAHREN SIE DIESE INFORMATIONEN FÜR ZUKUNFTIGE VERWEISE AUF.**  
**Warnungen**  
• Jedes mit DAC 32 verwendete externe Netzteil muss den einschlägigen Vorschriften und Normen entsprechen, die im Land der beabsichtigten Verwendung gelten. Das Netzteil sollte 5 V DC und einen Mindeststrom von 1 A liefern.  
**Anweisungen zur sicheren Verwendung**  
• Dieses Produkt sollte nicht überhitzt werden.  
• Setzen Sie dieses Produkt weder Wasser noch Feuchtigkeit aus und legen Sie es während des Betriebs nicht auf eine leitfähige Oberfläche.  
• Setzen Sie dieses Produkt keiner Hitze aus. Es ist für einen zuverlässigen Betrieb bei normalen Raumtemperaturen ausgelegt.  
• Setzen Sie die Platine keinen Lichtquellen hoher Intensität aus (z. B. Xenonblitz oder Laser).  
• Betreiben Sie dieses Produkt in einer gut belüfteten Umgebung und decken Sie es während des Gebrauchs nicht ab.  
• Stellen Sie dieses Produkt während des Gebrauchs auf eine stabile, flache, nicht leitende Oberfläche und lassen Sie es keine leitenden Gegenstände berühren.  
• Achten Sie beim Umgang mit diesem Produkt darauf, dass die Leiterplatte und die Anschlüsse nicht mechanisch oder elektrisch beschädigt werden (für nackte Leiterplatten ohne Gehäuse).  
• Vermeiden Sie den Umgang mit diesem Produkt, während es mit Strom versorgt wird. Nur an den Kanten handhaben, um das Risiko einer Beschädigung durch elektrostatische Entladung zu minimieren (für nackte Platinen ohne Gehäuse)  
• Alle mit DAC32 verwendeten Peripheriegeräte oder Geräte sollten den für das Verwendungszweck geltenden Normen entsprechen und entsprechend gekennzeichnet sein, um sicherzustellen, dass die Sicherheits- und Leistungsanforderungen erfüllt werden. Solche Geräte umfassen, ohne darauf beschränkt zu sein, Verstärker, aktive Lautsprecher und Soundbars.  
Alle Konformitätszertifikate und -nummern finden Sie unter [www.polyvection.com/compliance](http://www.polyvection.com/compliance).

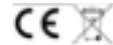
**Français** Informations de conformité et de sécurité Nom du produit: DAC32  
**IMPORTANT: VEUILLEZ CONSERVER CETTE INFORMATION POUR VOTRE RÉFÉRENCE FUTURE. Mises en garde**  
• Toute alimentation externe utilisée avec le DAC 32 doit être conforme aux réglementations et normes applicables dans le pays d'utilisation prévu.  
L'alimentation doit fournir 5 V CC et un courant nominal minimum de 1 A.  
**Instructions pour une utilisation en toute sécurité**  
• Ce produit ne doit pas être overlocked.  
• N'exposez pas ce produit à l'eau ou à l'humidité et ne le placez pas sur une surface conductrice pendant son fonctionnement.  
• N'exposez pas ce produit à la chaleur d'une source quelconque; il est conçu pour un fonctionnement fiable à des températures ambiantes normales.  
• Faites fonctionner ce produit dans un environnement bien ventilé et ne le couvrez pas pendant son utilisation.  
• Placez ce produit sur une surface stable, plane et non conductrice pendant son utilisation et ne le laissez pas entrer en contact avec des éléments conducteurs.  
• Faites attention lors de la manipulation de ce produit pour éviter des dommages mécaniques ou électriques à la carte de circuit imprimé et aux connecteurs (pour une carte nue sans boîtier)  
• Évitez de manipuler ce produit lorsqu'il est sous tension. Manipulez uniquement par les bords pour minimiser le risque de dommages dus aux décharges électrostatiques (pour carte nue sans boîtier)  
• Tout périphérique ou équipement utilisé avec le DAC32 doit être conforme aux normes applicables au pays d'utilisation et doit être marqué en conséquence pour garantir que les exigences de sécurité et de performance sont respectées. Un tel équipement comprend, mais sans s'y limiter, des

## Re-set Process

In rare instances, or occasionally if your router needs to be re-started, it is possible that DAC32 could lose its network connection and become stuck in 'Recovery mode'. If you believe that this might be the case, then please follow the procedure outlined below

1. Switch off your router and disable any wireless access points (we would only advise using these anyway, if they operate on a mesh network – the early types of Wi-Fi extenders are often the cause of many problems and should be avoided at all costs)
2. Disconnect power to DAC32..
3. Wait 15 minutes or so, or even overnight to be 100% sure
4. Re-connect power to DAC32 (router remains off)
5. Wait until DAC32 opens its Wi-Fi hotspot
6. Connect with it and check whether the 'button' at the bottom of the screen is called 'Exit Recovery' or 'Reboot'. If it says 'Exit Recovery' or 'Reboot' click on it
7. Turn your router and the rest of your network back on
8. Follow the procedure to connect DAC32 to your network. You may need to reselect your network on the status page and enter your password again

*Note: Any brand names and trade marks referred to in the Quick Start Guide are the intellectual property of their respective owners.*



**Español** Información de seguridad y cumplimiento Nombre del producto: DAC32

**WICHTIG: CONSERVE ESTA INFORMACIÓN PARA FUTURA REFERENCIA.**  
**Advertencias**  
• Cualquier fuente de alimentación externa utilizada con DAC 32 deberá cumplir con las regulaciones y estándares relevantes aplicables en el país de uso previsto.  
La fuente de alimentación debe proporcionar 5 V CC y una corriente nominal mínima de 1 A.  
**Instrucciones para un uso seguro**  
• Este producto no debe overlockearse.  
• No exponga este producto al agua ni a la humedad, y no lo coloque sobre una superficie conductora mientras esté en funcionamiento.  
• No exponga este producto al calor de ninguna fuente; está diseñado para un funcionamiento fiable a temperaturas ambiente normales.  
• Utilice este producto en un entorno bien ventilado y no lo cubra durante su uso.  
• Coloque este producto sobre una superficie estable, plana y no conductora mientras esté en uso, y no permita que entre en contacto con elementos conductores.  
• Tenga cuidado al manipular este producto para evitar daños mecánicos o eléctricos en la placa de circuito impreso y los conectores (para placa desnuda sin carcasa)  
• Evite manipular este producto mientras está encendido. Manéjelo solo por los bordes para minimizar el riesgo de daños por descarga electrostática (para tablas desnudas sin carcasa)  
• Cualquier periférico o equipo utilizado con DAC32 debe cumplir con los estándares relevantes para el país de uso y estar marcado en consecuencia para garantizar que se cumplan los requisitos de seguridad y rendimiento. Dicho equipo incluye, entre otros, amplificadores, altavoces activos y barras de sonido.  
Para obtener todos los certificados y números de cumplimiento, visite [www.polyvection.com/compliance](http://www.polyvection.com/compliance).

**Italiano** Informazioni sulla conformità e sulla sicurezza Nome del prodotto: DAC32

**IMPORTANT: CONSERVARE QUESTE INFORMAZIONI PER RIFERIMENTO FUTURO.**  
**Avvertenze**  
• Qualsiasi alimentatore esterno utilizzato con il DAC 32 deve essere conforme alle normative e agli standard pertinenti applicabili nel paese di utilizzo previsto.  
L'alimentatore deve fornire 5 V CC e una corrente nominale minima di 1 A.  
**Istruzioni per un utilizzo sicuro**  
• Questo prodotto non deve essere overlocked.  
• Non esporre questo prodotto all'acqua o all'umidità e non posizionarlo su una superficie conduttiva durante il funzionamento.  
• Non esporre questo prodotto al calore di qualsiasi fonte; è progettato per un funzionamento affidabile a temperature ambiente normali.  
• Non esporre la scheda a sorgenti luminose ad alta intensità (ad es. Flash allo xeno o laser)  
• Utilizzare questo prodotto in un ambiente ben ventilato e non coprirlo durante l'uso.  
• Posizionare questo prodotto su una superficie stabile, piana e non conduttiva durante l'uso e non lasciare che venga a contatto con oggetti conduttivi.  
• Prestare attenzione durante la manipolazione di questo prodotto per evitare danni meccanici o elettrici alla scheda del circuito stampato e ai connettori (per scheda nuda senza custodia)