Pioneer

屋内用

APS-WF202J-LM（ステラノヴァリミテッドワイヤレスユニット）

取扱説明書

<ORC8348-A>

このたびは、パイオニア製 APS-WF202J-LM をお買い求めいただきましてまことにありがとうございます。本機の性能を十分に発揮させて効果的にご利用いただくために、この取扱説明書をよくお読みになり、正しくお使いください。特に「安全上のご注意」および「電波に関するご注意」は必ずお読みください。なお、「取扱説明書」および「セットアップガイド」（別紙）は、「保証書」（本書に記載）と一緒に必ず保管してください。

■ 本機は、日本国内専用モデルですので、日本国外での本機の保守・修理などのサポートは行っておりません。本書に記載されている内容は、改良のため予告なく変更することがあります。

■ 本書および「セットアップガイド」に記載されている会社名、製品名およびシステム名は各社の登録商標ですが、TM、® マークは明記しておりません。

■ 本機は、落雷等による電源の瞬時電圧低下に対し不都合が生じることがあります。電源の瞬時電圧低下対策としては、交流無停電電源装置等を使用されることをお勧めします。

本機は一般家庭用機器として作られたものです。一般家庭用以外(たとえば飲食店等での営業用の長時間使用、車両、船舶への搭載使用)で使用し、故障した場合は、保証期間内でも有償修理を承ります。

本機の概要と本取扱説明書についてのご注意

本機（ワイヤレスユニット）に USB 機器を接続することで、iPhone/iPad や Android ™ 端末、Windows タブレットや Windows PC および Mac からワイヤレスで USB 機器をご使用できます。ワイヤレスユニットの説明およびセットアップ方法に関しましては、セットアップガイドを合わせてご覧ください。

仕様（ワイヤレスユニット）

[WLAN]

ARIB標準規格	ARIB T66、ARIB T71
ワイヤレス準拠規格	IEEE802.11a/b/g/n
変調方式	MIMO-OFDM/OFDM/DSSS
セキュリティ	WEP(ステーションモード時のみ)/WPA/WPA2
ネットワークセットアップ	かんたん接続方式（ステーションモード時のみ）
仕様周波数帯域	2.4 GHz/5 GHz

[性能]

想定性能到達距離	10 m
データ転送速度	54 Mbps以上（300 Mbps規格時）
ワイヤレス時の記録再生速度	1.5 x相当（BD）
動作モード	アクセスポイントモード（AP）、 ステーションモード（ST）

[その他]

DC電源入力	定格DC+15 V 2.7 A（最大）
消費電力	最大40 W
待機時消費電力	0.4 W
各USB端子定格	1 A
外形寸法（幅×奥行×高さ）	198 mm × 149 mm × 33 mm
質量	440 g
動作温度	+5 ℃ ～ +35 ℃
動作湿度	5 % ～ 85 % (結露のないこと)

※ ハイレゾ再生および記録再生速度は、コンピューターに搭載される無線 LAN 性能によって制限されます。

[USB ワイヤレス接続の推奨環境]

ハイレゾ再生時（iPhone/iPad/Android/Windows/Mac）

動作モード	アクセスポイントモード
ワイヤレス LAN 設定	IEEE802.11a/b/g/n(2.4 GHz/5 GHz) 150 Mbps(理論値)モード
オーディオバッファ	ENABLE(初期設定)
オーディオバッファ量	2000 ms（iPhone/iPad 時)、 500 ms（Windows/Mac 時初期値）

※ ハイレゾ音源をワイヤレスで再生するためには、USB DAC アンプ(APS-DA201J-LM、APS-DA101J シリーズ)が必要です。また、iPhone/iPad や Android 端末 からハイレゾ音源をワイヤレスで再生可能な「Wireless Hi-Res Player ～ Stellanova ～」をダウンロードしてご使用ください。

Blu-ray ディスク再生時（Windows）

54 Mbps 以上のデータ転送速度を必要とします。

動作モード	アクセスポイントモード
ワイヤレス LAN 設定	IEEE802.11a/b/g/n(2.4 GHz/5 GHz) MIMO で 300 Mbps(理論値)モード
USB ドライバー	パイオニアワイヤレス対応高速 USB ドライバー使用

※無線環境により、IEEE802.11a/n (5 GHz)をお勧めします。

DVD ディスク再生時（Windows/Mac）

10 Mbps 以上のデータ転送速度を必要とします。

動作モード	アクセスポイントモード / ステーションモード
ワイヤレス LAN 設定	IEEE802.11a/b/g/n(2.4 GHz/5 GHz) 150 Mbps(理論値)モード

＊ 仕様および外観は改良のため予告なく変更する場合があります。

仕様（AC アダプター）

電源	AC 100 V、50 Hz/60 Hz、79 VA
定格出力	DC+15 V、2.7 A（最大）
無負荷消費電力	最大0.3 W
外形寸法（幅×奥行×高さ）	50 mm × 80 .6 mm × 31 mm
質量	156 g
動作温度	+5 ℃ ～ +35 ℃
動作湿度	5 % ～ 85 % (結露のないこと)

＊ 仕様および外観は改良のため予告なく変更する場合があります。

！注意　本機付属の電源コードは専用品です。他の電源コードは使用しないでください。

本製品(付属品を含む)に表示の記号は以下を表しています。
～ AC(交流)
⎓ DC(直流)

安全にお使いいただくために必ずお守りください

電波に関するご注意

電波に関するご注意

本機は、2.4 GHz の周波数帯の電波を利用しています。この周波数の電波は、一般家庭でもいろいろな機器 (電子レンジやコードレスフォンなど) で使用されています。

以下のような場所で本機を使用する場合、送信 / 受信ができなくなることがあります。

- 2.4 GHz を利用する無線 LAN、また電子レンジなどの機器の磁場、静電気、電波障害が発生するところ。（環境により電波が届かない場合があります。）
- ラジオから離してお使いください。(ノイズが出る場合があります。)
- テレビにノイズが出た場合、本機（および本機対応製品）がテレビ、ビデオ、BS チューナー、CS チューナーなどのアンテナ入力端子に影響を及ぼしている可能性があります。本機（および本機対応製品）をアンテナ入力端子から遠ざけて設置してください。

⚠ 注意

- 本機の使用によって発生した損害については、法令上賠償責任が認められる場合を除き、当社は一切の責任を負いかねます。あらかじめご了承ください。
- 本機は、すべての無線 LAN 機器との接続動作を保証するものではありません。
- 弊社ではお客様のネットワーク接続環境、接続機器に関する通信エラーや不具合について、一切の責任を負いかねます。あらかじめご了承ください。プロバイダーまたは各接続機器のメーカーにお問い合わせください。

安全にお使いいただくために

- 高精度な制御や微弱な信号を取り扱う電子機器の近くでは使用しない。電子機器に誤動作するなどの影響を与え、事故の原因となる恐れがあります。
- 航空機内や病院など、使用を禁止された場所では使用しないでください。電子機器や医療用電気機器に影響を与え、事故の原因となる恐れがあります。医療機関などの指示に従ってください。

ご注意いただきたい電子機器の例

補聴器、ペースメーカー、その他医療用電気機器、火災報知器、自動ドア、その他自動制御機器など。

ペースメーカー、その他医療用電気機器をご使用される方は、該当の各医療用電気機器メーカーまたは販売業者に電波による影響についてご確認ください。

電波法に基づく認証について

本機は電波法に基づく小電力データ通信の無線設備として認証を受けています。したがって、本機を使用するときに無線局の免許は必要ありません。また、本機は、日本国内のみで使用できます。ただし、以下の行為を行うと法律により罰せられることがあります。

- 本機を分解 / 改造すること。
- 本機に貼ってある証明ラベルをはがすこと。

周波数について

本機の使用周波数は 2.4 GHz 帯です。この周波数帯では電子レンジ等の産業・科学・医療用機器のほか、他の同種無線局、工場の製造ライン等で使用されている免許を要する移動体識別用の構内無線局、アマチュア無線局（以下「他の無線局」と略す）が運用されています。

1 本機を使用する前に、近くで「他の無線局」が運用されていないことを確認してください。

2 万一、本機と「他の無線局」との間に電波干渉が発生した場合には、速やかに本機の使用チャンネルを変更するか、使用場所を変えるか、または本機の運用を停止（電波の発射を停止）してください。

3 その他、お困りのことが起きたときは、パイオニアカスタマーサポートセンター（取扱説明書記載）にお問い合わせください。

2.4 GHz 無線 LAN 表記の意味について

2.4 DS/OF 4

- [2.4]　：2.4 GHz 帯を使用する無線設備を表す
- [DS/OF]：変調方式 DS-SS 方式 /OFDM 方式を表す
- [4]　：想定干渉距離が 40 m 以下であることを表す
- [－ － －]：全帯域を使用し、かつ移動体識別装置の帯域を回避可能であることを表す

5 GHz 帯の W52/W53 は、無線 LAN および電波法の規制により野外では使用できません。

使用周波数帯とチャネル番号に関するご注意

使用できるチャネルは動作モードによって異なります。

アクセスポイントモード時	W52 および 1 ch ～ 13 ch
ステーションモード時	W52/W53/W56 および 1 ch ～ 13 ch

また、W52/W53/W56 のチャネルと中心周波数は以下となります。

W52	36 ch(5180 MHz)、40 ch(5200 MHz)、44 ch(5220 MHz)、48 ch（5240 MHz）
W53	52 ch(5260 MHz)、56 ch(5280 MHz)、60 ch(5300 MHz)、64 ch（5320 MHz）
W56	100 ch（5500 MHz）、104 ch（5520 MHz）、108 ch（5540 MHz）、112 ch（5560 MHz）、116 ch（5580 MHz）、120 ch（5600 MHz）、124 ch（5620 MHz）、128 ch（5640 MHz）、132 ch（5660 MHz）、136 ch（5680 MHz）、140 ch（5700 MHz）

安全上のご注意

● 安全にお使いいただくために、必ずお守りください。
● ご使用の前にこの「安全上のご注意」をよくお読みのうえ、正しくお使いください。

絵表示について

この取扱説明書および製品には、製品を安全に正しくお使いいただき、お客様や他の方々への危害や財産への損害を未然に防止するために、いろいろな絵表示をしています。その表示と意味は次のようになっています。内容をよく理解してから本文をお読みください。

⚠ 警告

この表示を無視して、誤った取り扱いをすると、人が死亡または重傷を負う可能性が想定される内容を示しています。

⚠ 注意

この表示を無視して、誤った取り扱いをすると、人が損害を負う可能性が想定される内容および物的損害のみの発生が想定される内容を示しています。

絵表示の例

△ 記号は注意(警告を含む)しなければならない内容であることを示しています。
図の中に具体的な注意内容(左図の場合は感電注意)が描かれています。

⃠ 記号は禁止(やってはいけないこと)を示しています。
図の中や近くに具体的な禁止内容(左図の場合は分解禁止)が描かれています。

● 記号は行動を強制したり指示したりする内容を示しています。
図の中に具体的な指示内容(左図の場合は電源プラグをコンセントから抜く)が描かれています。

⚠ 警告

禁止

〔設置〕
着脱式の電源コード(インレットタイプ)が付属している場合のご注意：

付属の電源コードはこの機器のみで使用することを目的とした専用部品です。他の電気製品ではご使用になれません。他の電気製品で使用した場合、発熱により火災・感電の原因となることがあります。また電源コードは本機に付属のもの以外は使用しないで下さい。他の電源コードを使用した場合、この機器の本来の性能が出ないことや、電流容量不足による発熱から火災・感電の原因となることがあります。

⚠ 注意

注意

〔設置〕
- 製品の仕様により、本体部やリモコン（付属の場合）のスイッチを操作することで表示部がすべて消えた状態となり、電源プラグをコンセントから抜いた状態と変わらなく見える場合がありますが、電源の供給は停止していません。製品を電源から完全に遮断するためには、電源プラグ(遮断装置)をコンセントから抜く必要があります。製品はコンセント近くで、電源プラグ（遮断装置）に容易に手が届くように設置してください。電源プラグを長時間差したままにすると、火災の原因となることがあります。

安全上のご注意

⚠ 警告

〔異常時の処置〕
- 万一、煙が出ている、変なにおいや音がするなどの異常状態のまま使用すると火災や感電の原因となります。すぐに USB ケーブルを本機から、AC アダプターの電源プラグをコンセントからそれぞれ抜いてください。煙が出なくなるのを確認し、販売店に修理をご依頼ください。お客様による修理は危険ですから絶対におやめください。
- 万一、内部に水や異物等が入った場合は、USB ケーブルを本機から、AC アダプターの電源プラグをコンセントからそれぞれ抜いて、販売店にご連絡ください。そのまま使用すると火災や感電の原因となります。
- 万一、本機を落としたり、カバーを破損した場合は、USB ケーブルを本機から、AC アダプターの電源プラグをコンセントからそれぞれ抜いて、販売店にご連絡ください。そのまま使用すると火災や感電の原因となります。

〔本機の使用環境について〕
- 本機の使用環境温度範囲は 5 ℃～ 35 ℃、使用環境湿度は 85 % 以下です。
風通しの悪い所や湿度が高すぎる場所、直射日光(または人工の強い光)の当たる場所に設置しないでください。

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⚠ 警告

- 本機に水が入ったり、濡れたりしないようにご注意ください。湿気の多い場所では使用しないでください。火災や感電の原因となります。

〔設　置〕
- 放熱を良くするために、他の機器や壁との間隔をとってください。ラックに入れる時はすき間をあけてください。また、次のような使い方をしないでください。内部に熱がこもり、火災の原因となることがあります。
・あおむけにする。
・じゅうたんやふとんの上に置く。
・風通しの悪い狭いところに押し込む。
・テーブルクロスなどをかける。
- 本機の上に火がついたろうそくなどの裸火を置かないでください。火災の原因となります。
- 風呂場・シャワー室等では使用しないでください。火災・感電の原因となります。

〔使用方法〕
- 動作中に、衝撃や振動を加えたり、USB ケーブルや AC アダプターの電源プラグを抜いたり差したりしないでください。
- ブルーレイドライブなどと接続しているとき、動作中に本機を動かしたり、持ち上げたりしないでください。ディスクは高速で回転していますので、本機を持ち上げたり、移動したりすると、ディスクが傷つきます。移動するときは、ディスクを取り出し、電源を切ってから行ってください。

安全上のご注意

⚠ 警告

本機対応の AC アダプターおよび電源コードをお使いになる場合は、以下をお守りください。

- 電源コード、AC アダプターのコードの上に重いものをのせたり、コードが本機の下敷きにならないようにしてください。また、電源コードが引っ張られないようにしてください。コードが傷ついて、火災や感電の原因となります。コードの上を敷物などで覆うと、それに気付かずに重い物をのせてしまうことがあります。
- 万一の場合に、電源プラグをコンセントからすぐ抜けるようにしてください。
- 電源プラグの刃および刃の付近にほこりや金属物が付着している場合は、電源プラグを抜いてから乾いた布で取り除いてください。そのまま使用すると火災・感電の原因となります。
- 電源コード、AC アダプターのコードを傷つけたり、加工したり、無理に曲げたり、ねじったり、引っ張ったり、加熱したりしないでください。コードが破損して火災や感電の原因となります。コードが傷んだら(芯線の露出や断線など)販売店に交換をご依頼ください。
- 付属の AC アダプターおよび電源コードは本機専用です。絶対に他の機器に使用しないでください。火災・感電の原因となります。
- AC アダプターおよび電源コードは、乳幼児の手が届く所に置かないでください。AC アダプターのコードが誤って首に巻きついた場合、窒息する恐れがあります。
- 表示された電源電圧(交流 100 ボルト 50 Hz/60 Hz)以外の電圧で使用しないでください。火災・感電の原因となります。

⚠ 警告

- 本機を船舶などの直流(DC)電源には接続しないでください。火災や感電の原因となります。
- 本機対応の AC アダプターおよび電源コード以外は使用しないでください。他の AC アダプターおよび電源コードを使用すると火災の原因になります。
- 濡れた手で電源プラグの抜き差しをしないでください。感電の原因となることがあります。
- 電源プラグを抜く時は、電源コードを引っ張らないでください。コードが傷つき火災や感電の原因となることがあります。必ずプラグを持って抜いてください。
- 電源コードを熱器具に近づけないでください。コードの被ふくが溶けて、火災や感電の原因となることがあります。
- 移動させる場合は、必ず電源プラグをコンセントから抜き、外部の接続コードを外してから行ってください。コードが傷つき火災や感電の原因となることがあります。
- 雷が鳴り出したらアンテナ線や電源プラグには触れないでください。感電の原因となります。
- AC アダプターおよび電源コードを水滴がかかる場所に置かないでください。
- 製品はコンセントの近くで、電源プラグ /AC アダプター(遮断装置)に容易に手が届くように設置し、旅行などで長期間ご使用にならないときは、安全のため必ず電源プラグをコンセントから抜いてください。火災の原因となることがあります。

⚠ 警告

禁止

- 本機の隙間などから、内部に金属類や燃えやすいものなどを差し込んだり、落とし込んだりしないでください。火災や感電の原因となります。
- 本機や AC アダプターのカバーを外したり、改造したりしないでください。内部には電圧の高い部分があり、火災や感電の原因となります。内部の点検や整備、修理は販売店にご依頼ください。

本機は精密機器のため、分解が必要の際には必ず販売店に依頼してください。

- 本機の上に花びん、コップ、化粧品、薬品や水などの入った容器を置かないでください。こぼれたり、中に入った場合、火災・感電の原因となります。
- 本ワイヤレスユニットの上には、APS-DA201J-LM（USB DAC AMP)以外のものを置かないでください。故障の原因になったり、バランスがくずれて倒れたり、落下したりしてけがの原因となることがあります。
- ブルーレイドライブなどと接続しているとき、ひび割れ、変形、または接着剤などで補修したディスクは使用しないでください。ディスクは機器内で高速回転しますので、飛び散ってけがや故障の原因となることがあります。
- 本機に二股 USB ケーブルを使用しないでください。故障の原因となることがあります。
- 本機の電源がオン状態の時は、本機や AC アダプターに布やシートを被せて使用しないでください。

⚠ 注意

注意

- 冬季などに本機を戸外から暖房中の室内に持ち込んだり、本機を設置した部屋の温度を暖房などで急に上げたりすると、動作部やレンズに水滴が付きます(結露)。結露したままでは本機は正常に動作しません。結露が起こったら(結露の程度にもよりますが)、USB ケーブルを本機から、AC アダプターの電源プラグをコンセントからそれぞれ抜いた状態でしばらく放置し、完全に本機が乾燥するまで待ってから電源を入れてください。結露は夏にクーラーやエアコンの風が直接当たるところでも起こることがあります。その場合には設置場所を変えてください。
- 本機に乗ったり、ぶら下がったりしないでください。特にお子様はご注意ください。倒れたり、壊れたりしてけがの原因になることがあります。
- 小さな部品はお子様や幼児の手の届かない場所に保管してください。誤って飲み込んだ場合は、ただちに医師にご連絡ください。

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⚠ 注意

〔設置〕
- 電源プラグはコンセントに根元まで確実に差し込んでください。差し込みが不完全ですと発熱したり、ほこりが付着して火災の原因となることがあります。また、電源プラグの刃に触れると感電することがあります。
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- 本機を調理台や加湿器のそばなど油煙、湿気あるいはほこりの多い場所に置かないでください。火災・感電の原因となることがあります。
- 本機をぶら下げたり、立てかけたり、セットアップガイドの「設置のしかた」以外の状態で使用しないでください。
- 窓を閉め切った自動車の中や直射日光が当たる場所など異常に温度が高くなる場所に放置しないでください。火災の原因となることがあります。

〔本機使用上のご注意〕
- ほこりの多い場所や、高温・多湿の場所では使用しないでください。
- 振動や衝撃が加わらないようにしてください。
- 異物や水が入らないよう注意してください。
- 必ず、指定した電源に接続してください。
- 動作中に本機を動かしたり持ち上げたりしないでください。
- 結露に注意してください。結露した場合は、1 ～ 2 時間程度放置してから使用してください。
- 内部点検や改造はおやめください。

⚠ 注意

- ご使用中に本機から異常な音やにおいがしたときは、必ず電源を切ってから、点検を受けてください。
- 本機の外観の清掃は柔らかい布でから拭きしてください。汚れがひどい場合は中性洗剤を水で 5 ～ 6 倍に薄め、柔らかい布を浸してよく絞ってから、汚れを拭き取り、そのあと乾いた布で拭いてください。ベンジン、シンナー、アルコール、殺虫剤等の揮発性の薬品をかけると表面が侵されることがありますので、使用しないでください。また、化学ぞうきんなどをお使いの場合は化学ぞうきんに添付の注意事項をよくお読みください。
- 旅行などで長期間ご使用にならないときは、安全のため必ず電源プラグをコンセントから抜いてください。

〔AC アダプター使用上のご注意〕
- AC アダプターと接続した機器を移動させる場合は、必ず電源プラグをコンセントから抜き、外部の接続コードを外してから行ってください。コードが傷つき火災や感電の原因となることがあります。
- ご使用中に AC アダプターから異常な音やにおいがしたときは、必ず電源を切ってから、点検を受けてください。
- AC アダプターの外観の清掃は柔らかい布でから拭きしてください。汚れがひどい場合は中性洗剤を水で 5 ～ 6 倍に薄め、柔らかい布を浸してよく絞ってから、汚れを拭き取り、そのあと乾いた布で拭いてください。ベンジン、シンナー、アルコール、殺虫剤等の揮発性の薬品をかけると表面が侵されることがありますので、使用しないでください。また、化学ぞうきんなどをお使いの場合は化学ぞうきんに添付の注意事項をよくお読みください。
- AC アダプターや電源プラグに異常があったときは、お買い求めの販売店にご相談ください。
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V iperf v2.0.4

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