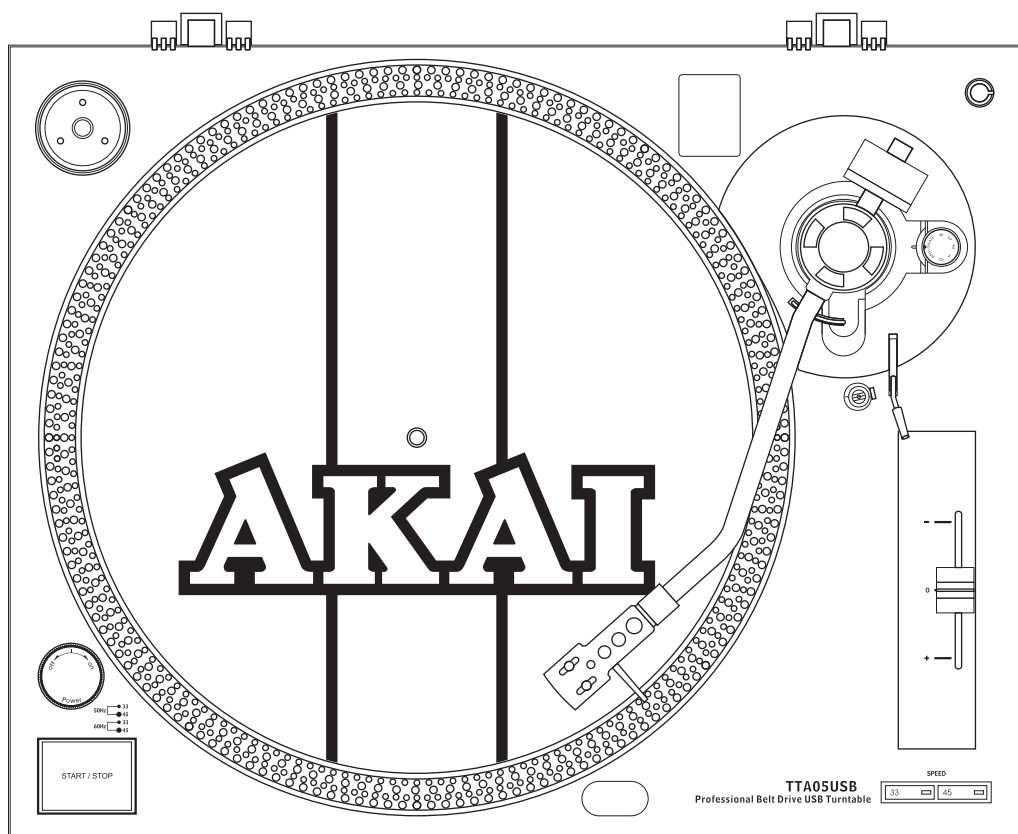


AKAI

MANUAL DE UTILIZARE

Pick up profesional cu USB

TTA05USB



MANUAL DE UTILIZARE

(Rom.) 01-09

USER MANUAL

(Eng.) 10-18

INSTRUCTIUNI IMPORTANTE DE SIGURANTA

1. Cititi instructiunile – toate instructiunile de siguranta si operare trebuie citite inainte de a folosi produsul.
 2. Retineti instructiunile - instructiunile de siguranta si operare trebuie retinute pentru referinte.
 3. Mesaje de avertizare – toate avertizarile de pe obiect si din instructiunile de operare trebuie respectate.
 4. Respectati instructiunile – toate instructiunile de operare si folosire trebuie urmarite.
 5. Apa si umezeala – Obiectul nu trebuie folosit in apropierea apei, de exemplu langa cada de baie, chiuveta de bucatarie, intr-un beci umed sau langa piscina.
 6. Suporturi – obiectul trebuie folosit numai cu suporturi recomandate de producator. Un dispozitiv cu suport trebuie miscat cu grija. Opriri bruste, forta excesiva si suprafete neuniforme pot cauza dispozitivul sa se rastoarne.
- 
7. Montarea pe perete si tavan – aparatul nu trebuie montat pe perete sau tavan.
 8. Caldura – aparatul trebuie situat departe de sursele de caldura cum ar fi radiatoare, sobe sau alte obiecte care produc caldura.
 9. Surse de current – acest produs trebuie alimentat numai la sursele de current indicate pe etichetele de evaluare. Daca nu sunteti siguri de sursa de curent din casa dumneavoastra, consultati dealer-ul local sau compania care furnizeaza curent. Pentru produsele destinate sa opereze pe baza de baterii, sau alte surse, referiti-va la instructiunile de operare.
 10. Impamantarea si polarizarea – acest produs poate fi echipat cu un stecher alimentat de curent alternativ polarizat. Acest stecher se va potrivi in sursa de curent numai intr-o directie. Aceasta este o caracteristica de siguranta. Daca nu puteti sa inserati stecherul de tot in priza, incercati cu capatul celalalt. Daca tot nu merge, contactati electricianul pentru a inlocui priza.
 11. Protectia cablului de alimentare – Cablurile de alimentare trebuie directionate astfel incat sa nu fie calcate sau sa fie asezate obiecte pe ele; aveti mare grija la corespondenta stecherului si la punctul de unde iese din aparat.
 12. Curatare – aparatul trebuie curatat numai cum recomanda producatorul. Curatati stergandu-l cu o panza umeda. Evitati sa intre apa in interiorul aparatului.
 13. Inainte de a inapoia produsul reparat utilizatorului, folositi un ohm-metru pentru a masura capetele stecherelor. Rezistenta trebuie sa fie mai mare de 100,000 de ohm.
 14. Perioade de nefolosire – cablul de alimentare trebuie scos din priza atunci cand nu folositi aparatul o perioada mare de timp.
 15. Obiecte si lichide in interiorul aparatului – aveti mare grija ca sa nu scapati obiecte sau sa varsati lichide in interiorul aparatului.
 16. Solicitare de service in caz de defectiuni – aparatul trebuie reparat numai de personal calificat cand:
 - cablul de alimentare sau stecherul este stricat;
 - aparatul a cazut, sau s-a varsat lichid in interior;
 - aparatul a fost expus la ploaie;
 - aparatul nu functioneaza corespunzator sau observati o schimbare in performanta acestuia;
 - aparatul v-a scapat, sau carcasa este stricata.
 17. Service – utilizatorul nu trebuie sa repare aparatul in afara de ce se mentioneaza in manualul de instructiuni. Toate celelalte probleme trebuie rezolvate la un service cu personal calificat.
 18. Ventilarea – sloturile si deschiderile aparatului prevad ventilarea si pentru a asigura unei operari bune a aparatului si pentru a-l proteja de supraincalzire, si de aceea aceste orificii nu trebuie acoperite sau blocate. Deschiderile nu trebuie niciodata blocate pununand aparatul pe pat, canapea, covor sau alte suprafete de acest gen. Acest produs nu trebuie asezat pe un rack pana cand ventilatia corespunzatoare nu este mentionata in instructiunile producatorului.
 19. Atasamente – nu folositi atasamente nerecomandate de producator pentru ca pot cauza defectiuni.
 20. Accesorii – nu asezati aparatul pe un suport, trepid, ori masa instabila. Produsul poate cadea, provocand rani unui copil sau adult, si defectiuni serioase produsului. Folositi numai suportii recomandati de producator sau cele vandute cu produsul.
 21. Trasnete – pentru o mai mare protectie a aparatului in timpul transetelor, sau cand este nesupravegheat sau nefolosit pentru perioade mai mari de timp, scoateti-l din priza sau deconectati antena sau sistemul de cablu. Acest lucru va preveni defectiunile care pot aparea in timpul trasnetelor sau a caderilor de tensiune.
 22. Componente de inlocuire – cand sunt solicitate piese de schimb aveti grija ca tehnicianul care le inlocuieste sa foloseasca piese originale sau care au aceleasi caracteristici. Inlocuirea pieselor neautorizate poate duce la foc, socuri electrice sau alte riscuri.
 23. Verificari de siguranta – pe foaia de service sau de repararea a produsului puneti-l pe tehnician sa verifice bine produsul pentru a fi in conditii de operare corespunzatoare.

INSTRUCTIUNI IMPORTANTE DE SIGURANTA



CAUTION
DO NOT OPEN
RISK OF ELECTRIC SHOCK



Atentie ! Pentru a reduce riscul electrocutarii, nu indepartati carcasa, nu umblati in interiorul aparatului, adresati-va personalului calificat.



Acest simbol avertizeaza in privinta existentei unor tensiuni periculoase in interiorul aparatului care sunt suficient de puternice pentru a provoca electrocutarea.



Acest semn indica utilizatorului existenta unor operatiuni si instructiuni deosebite legate de intretinere.

ATENTIE!

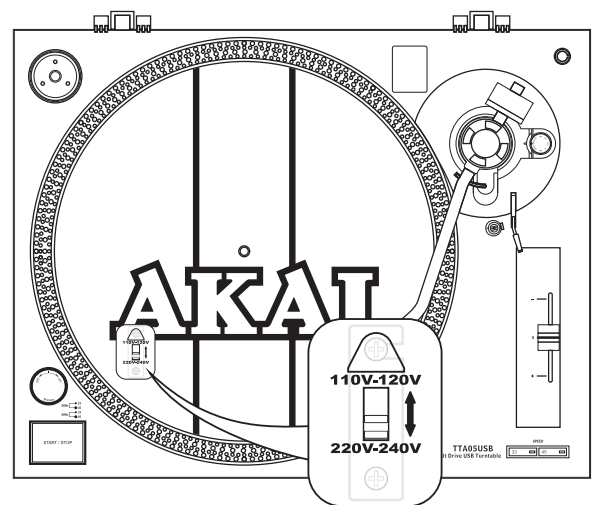
Pentru reducerea riscului de electrocutare nu expuneti acest aparat la ploaie sau umezeala.

Selectarea liniei de voltaj.

Doar pentru modul de voltaj dual!

Deoarece sursele de curent variaza de la locatie la locatie am incorporat un selector de sursa de curent

- Voltajul dorit poate fi setat de comutatorul Selectorului de Voltaj care este localizat sub platan (folositi o surubelnita cu capul plat).
- No fortati comutatorul Selectorului de Voltaj pentru a evitarea daunelor.
- Daca comutatorul Selectorului de Voltaj un se misca usor, va rugam contactati un service autorizat.



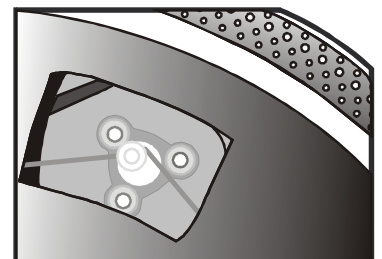
INAINTE DE FOLOSIRE

☞ Verificati urmatoarele componente incluse in pachet cu aparatul principal:

- | | | | |
|--------------|----------------------------|----------------------|--------------------|
| • Platanul | • cartusul | • contra-greutatea | • discul |
| • cablul USB | • Manualul de instructiuni | • acoperirea de praf | • adaptorul 45 rpm |
| • cablul RCA | • headshell | • capul de citire | |

☞ FOARTE IMPORTANT!!

Nu uitati sa atasati cureaua de cauciuc de motor pentru o functionare corecta. Dupa punerea platanului prin axul central, miscati una din ferestrele mari de pe platan spre coltul din dreapta sus. Atasati cureaua de motor.



☞ Note:

- Nu conectati aparatul la sursa de curent inainte ca asamblarea sa fie completa.
- Inainte de a porni aparatul asigurati-va inca odata ca toate conexiunile si setarile de curent sunt corect facute. Intotdeauna opriți aparatul cand il conectati sau deconectati de la priza.
- Cititi acest manual cu atentie inainte de a folosi aparatul. Pastrati manualul intr-un loc sigur pentru referinte viitoare.

ASAMBLAREA

1. Scoati aparatul din cutie si indepartati ambalajul.
2. Montati adaptorul de 45rpm.
3. Montati platanul in axul principal.
4. Puneti capul de citire pe platan.
5. Instalarea cartusului: cand instalati cartusul, faceti referire la instructiunile din manual.
 - a) In timpul instalarii, atasati protectia penitei pentru a apara varful acesteia. Terminalele la majoritatea cartuselor sunt codate color. Conectati fiecare fir la terminalul de aceeasi culoare:
ALB (L+) ----- Canalul din stanga +
Albastru (R-) ----- Canalul din dreapta -
Rosu (R+) ----- Canalul din dreapta +
Verde (R-) ----- Canalul din dreapta -
 - b) Instalati cartusul la headshell si strangeti-l cu surubelnita venita cu cartusul. +
6. Inserati capul de citire in bratul de sunet, apoi rotiti piulita de blocare in inversul acelor de ceas cu capul de citire bine strans orizontal.
7. Puneti contragreutatea pe bratul de sunet. Rasuciti usor si se va insuruba pe axul spate al bratului de sunet.
8. Reglarea balansului orizontal "zero" si presiunea penitei:
 - a) Indepartati protectia penitei din headshell, nu atingeti varful penitei in timpul ajustarii.
 - b) Puneti parghia in cea mai joasa pozitie.
 - c) Da-ti drumul clemei bratului de sunet si ridicati bratul de sunet din suport.
 - d) Rotiti contragreutatea pana cand bratul de sunet este aproximativ balansat orizontal.
 - e) Puneti bratul de sunet inapoi pe suport.
 - f) Tineti contragreutatea nemiscata cu o mana si rotiti numai inelul de contact al penitei pentru a aduce cifra "0" a inelului in aliniament cu linia din centru a bratului de sunet.
 - g) Rotiti contragreutatea inclusiv inelul de contact al penitei in inversul acelor de ceas pana cand scala arata valoarea corespunzatoare contactului penitei folosite.
9. Puneti butonul de control al anti patinajului la aceeasi valoare ca a contactului penitei.
10. Puneti protectia de praf.

APLICAREA

- Nu puneti aparatul intr-o locatie unde va fi expus direct la soare sau langa o sursa de caldura.
- Nu puneti aparatul intr-o locatie unde este umiditatea mare sau mult praf.
- Cartusul poate aluneca si sunetul va fi distorsionat de la vibratiile boxelor care vin prin podea sau prin aer. Gasiti o locatie care este foarte stabila si unde nu exista vibratii.
- Aparatul are picioare ajustabile. Ajustati picioarele pentru a stabili aparatul orizontal.

CONEXIUNI

Înainte să conectați această unitate este avertizat să consultați echipamentul.

IMPORTANT: Fiti sigur ca opriți echipamentul înainte de a face schimbări la diferite conexiuni.

1. Conectați cablul de alimentare din spatele aparatului la priză.
2. Conectați cablul RCA la intrarea PHONO al amplificatorului când selectați comutatorul PHONO/LINE pe poziția PHONO. Puteți de asemenea folosi o intrare setând comutatorul PHONO/LINE din spatele aparatului pe poziția LINE.

Iesiri

L (ALB)

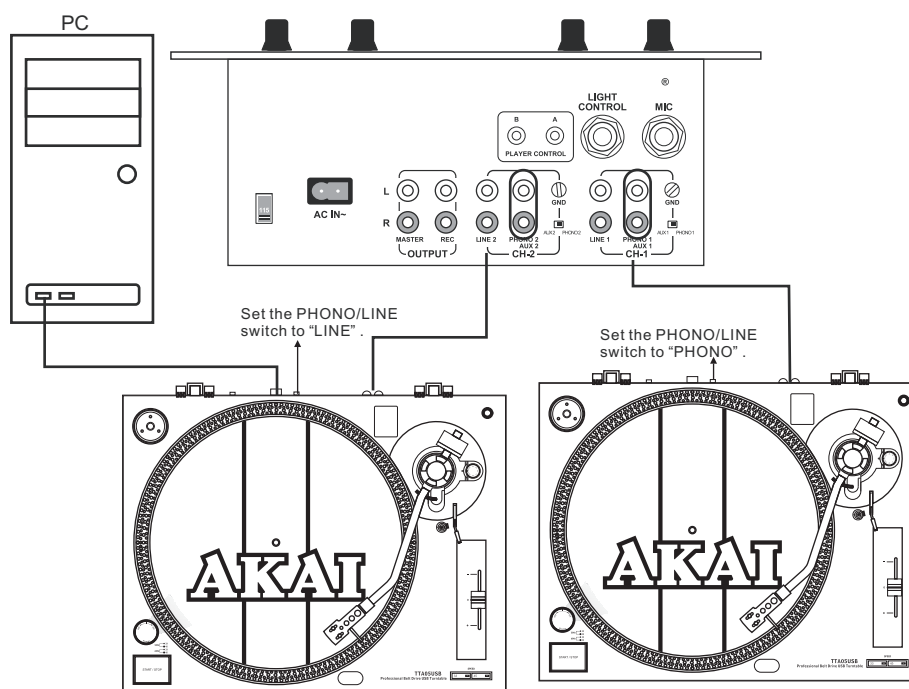
R (ROSU)

Amplificator/Receptor

Canal stanga

Canal dreapta

3. Conectați PC-ul via USB.



OPERATII

1. Porniți aparatul de la butonul Pornit/Oprit, indicatorul de viteză și stroboscopul se vor aprinde.
2. Puneți un disc. Când merge la 45rpm cu o gaură mare în centru, puneți adaptorul de 45rpm în centru.
3. Setati viteza pentru a potrivi înregistrarea.
4. Îndepărtați protecția penitei și apoi dați drumul bratului de sunet.
5. Puneți parghia în poziția sus.
6. Apasați butonul de Start/Stop; platanul se va roti.
7. Micați bratul de sunet pe melodia dorită.
8. Puneți parghia în poziția jos, bratul de sunet va coborî ușor pe disc și va începe să cânte.
9. Când termină de cântat, ridicați bratul de sunet și puneți-l pe suport.
10. Apasați butonul de Start/Stop pentru a opri platanul și după opriți aparatul.

SUSPENDATI REDAREA

Setând nivelul la poziția "UP" în timpul redării, penita va fi ridicată de pe disc.

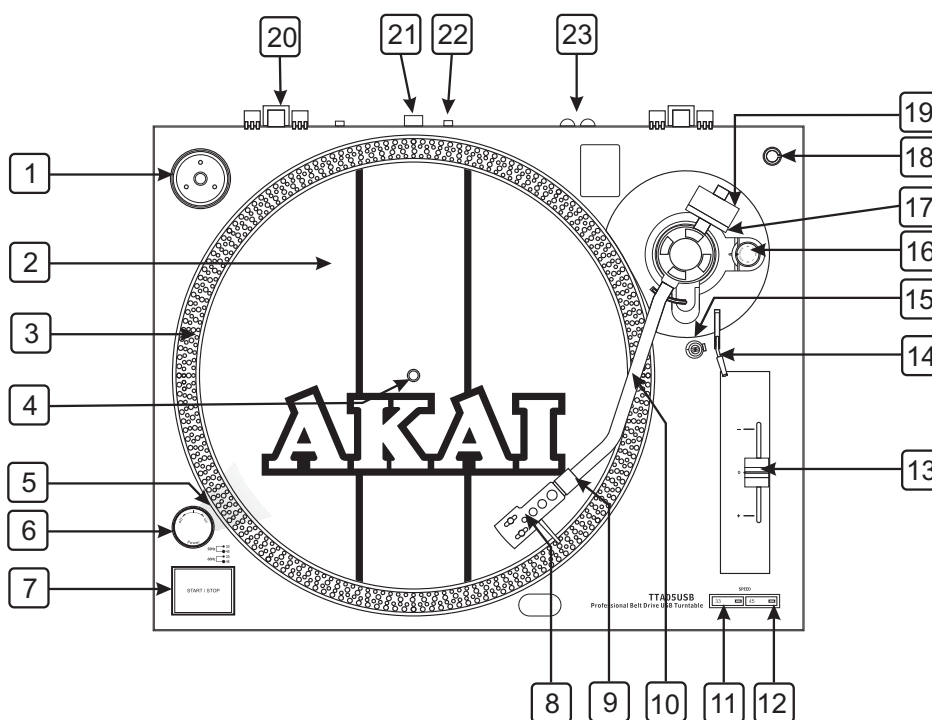
SCHIMBAREA VITEZEI

- Atata timp cat controlul de pitch este in centru, placa opereaza la viteza selectata.
- Viteza poate fi marita sau micsorata cu cate 10% de la controlul de pitch.
- reglare incorecta facuta intentionat poate fi folosita pentru a roti foarte repede sau foarte incet platanul.
- Indicatorii stroboscopului sunt folositi pentru a monitoriza viteza.

INTRETINEREA

- Curatati penita periodic cu o periuta moale pentru a preveni acumularea de praf.
- Cand sunetul devine distorsionat, verificati penita. Daca penita este uzata, inlocuiti-o cu una noua.
- Periodic, protectia de praf si locul platanului trebuie curatate cu o carpa din panza.
- Materialele volatile nu trebuie folosite, cum ar fi: alcool, benzina,etc. Acestea pot indeparta vopseaua sau pot produce daune lustrului.

BUTOANELE DE CONTROL



1. Adaptor 45 rpm: acest adaptor va permite sa redati viniluri EP de 7" cu gauri mari in mijloc.
2. Platan: se conecteaza direct in axul central. Platanul si axul central tin un vinil perfect centrat. Platanul invarte totodata discul la o viteza constanta.
3. Indicatorii stroboscopului: platanul are patru randuri de indicatori. Acesti indicatori sunt folositi pentru a vedea diferitele stagii ale reglarii vitezei. Fiecare rand apare ca si stand nemiscat la diferite viteze.

Nota:

Folosirea intensa a luminii fluorescente asupra platanului va duce la stricarea lampii stroboscopului, si indicarea nu va mai fi corecta.

4. Axul central: acest ax tine platanul stabil si centrat.
5. Lampa indicatorului stroboscopului: este o lampa conceput special pentru a da un impuls de lumina in indicatorii stroboscopului.

BUTOANELE DE CONTROL

6. Butonul de pornit/oprit: este un buton rotativ. Pentru a porni rotiti in sensul acelor de ceas, iar pentru a-l opri in sensul invers al acelor de ceas.
7. Butonul de Start/Stop: Acest buton controleaza miscarea platanului. Cand este pornit platanul nu incepe automat sa se invarta. Apasand butonul inca odata motorul va incepe sa invarta platanul, apasand din nou il va opri.
8. Capul de redare: este folosit pentru a conecta penita la bratul de sunet.
9. Blocarea capului de redare: dupa atasarea capului de redare la bratul de sunet, aceasta blocare il prinde.
10. Bratul de sunet in forma de S: bratul de sunet este mecanismul care tine capul de redare si penita care le permite sa gliseze pe disc.
11. Buton de selectare a vitezei 33rpm: Implicarea acestui buton roteste platanul la 33 de revolutii pe minut. Un LED va lumina cand aceasta functie va fi activata.
12. Buton de selectare a vitezei 45rpm: Implicarea acestui buton roteste platanul la 45 de revolutii pe minut. Un LED va lumina cand aceasta functie va fi activata.
13. Slider de control al vitezei: acest slider este folosit pentru a ajusta viteza procentual.
14. Parghia bratului de sunet: aceasta parghie este folosita pentru ridicarea in conditii de siguranta a bratului de sunet asupra suprafetei discului fara a pune in pericol suprafata discului.
15. Clema de repaus a bratului de sunet: folositi
16. aceasta clema pentru a tine in siguranta bratul in pozitie in cazul nefolosirii sau a transportului.
17. Butonul de control anti patinare: anti patinarea aplica o forta interioara bratului de sunet pentru a preveni sarirea discului datorata fortei centrifuge cauzate de rotatia platanului. Valoarea anti patinarii trebuie sa fie egala cu cea a presiunii contragreutatii penitei.
18. Inelul presiunii penitei: scala contragreutatii trebuie sa fie indreptata spre DJ.
19. Suport extra pentru penita: a fost conceput pentru a sustine inca o penita.
20. Contragreutate: Folositi contragreutatea pentru a balansa bratul de sunet si pentru a ajusta presiunea penitei.
21. Balama pentru protectia de praf.
22. USB: dupa conectarea platanului la calculator prin USB, puteti inregistra discul pe hard disk cu ajutorul programului Audacity software.
23. Selector PHONO/LINE: Comutatorul este folosit pentru a schimba modul iesire PHONO sau iesire LINE.
24. Iesirea RCA: Iesirea este capabila sa comute la iesirea PHONO sau LINE.

De exemplu: Aceste jack-uri sunt folosite pentru a trimite semnal de iesire de frecventa joasa "phono" catre intrarea "phono" a unui mixer. Platanele trebuie conectate pe intrarea PHONO a unui mixer. Jack-ul RCA rosu reprezinta intrarea canalului dreapta si cel alb reprezinta intrarea canalului stanga.

PROGRAMUL AUDACITY

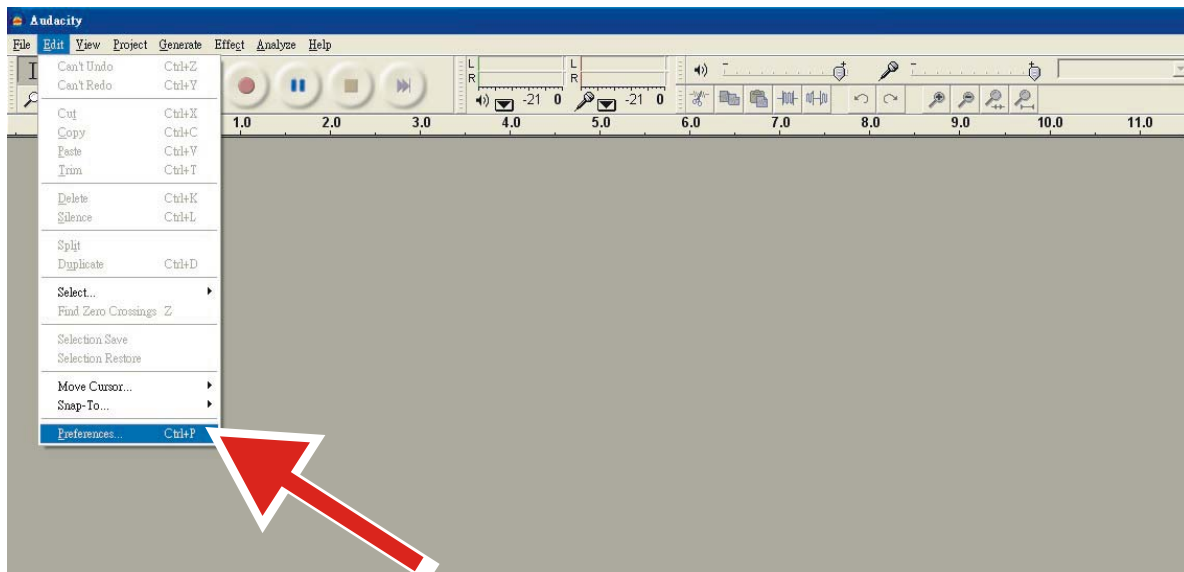
Audacity este un software gratuit, sub licenta GNU General Public License (GPL). Mai multe informatii ca codul open source poate fi gasit pe CD-ul inclus sau pe web la adresa:

<http://audacity.sourceforge.net/>

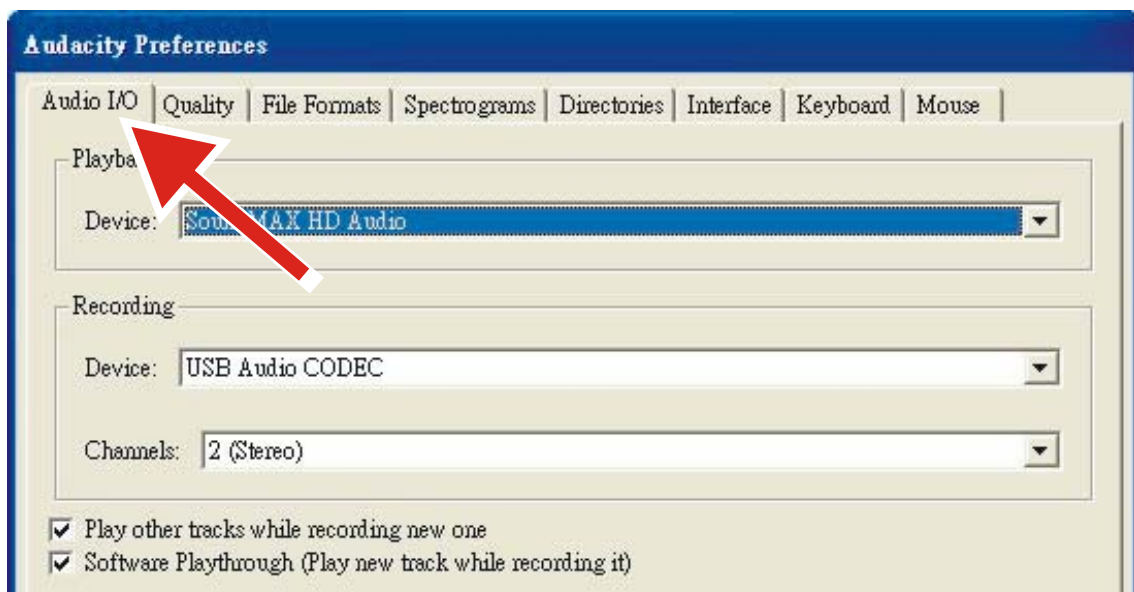
Nota: Va rugam sa va asigurati ca ati instalat corect programul inainte de folosire.

Setarea PC-ului pentru a rula programul Audacity.

1. Conectati o sursa de intrare in unitate.
2. Conectati cablul USB in calculator.
3. Instalati softul de inregistrare Audacity.
4. Deschideti programul Audacity.
5. Selectati **Preferences** din tabul **Edit**.



6. Selectati tabul **Audio I/O** din stanga sus.
 - Sub meniul Playback, Device, selectati placa dumneavoastra de sunet.
 - Sub meniul Recording, Device, selectati **USB Audio CODEC**.
 - Sub meniul Recording, Channels, selectati **2 (Stereo)**.
 - Bifati casuta in care scrie **Play other tracks while recording new one**.
 - Bifati casuta in care scrie **Software Playthrough**.

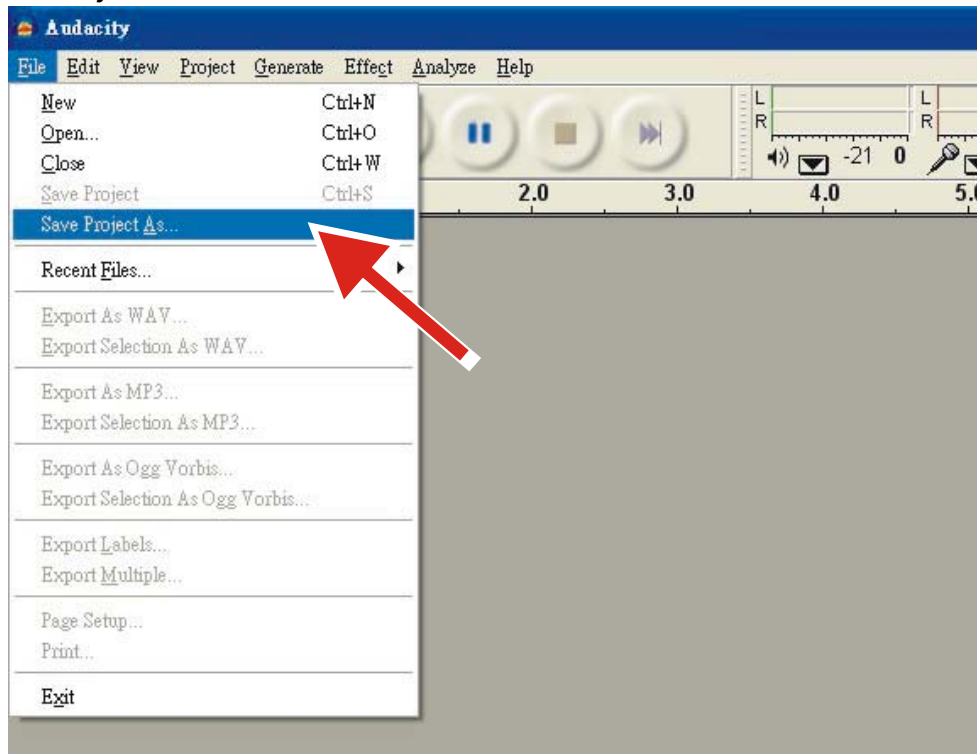


PROGRAMUL AUDACITY

Inregistrarea albumelor cu programul Audacity.

1. Salvarea proiectelor.

- Audacity scrie toate schimbarile si inregistrarile audio intr-un director numit **Projectname_data** , care este localizat exact unde ati salvat proiectul in sine.
- Astfel, selectati **Save project as** din tabul File si alegeti locatia si numele fisierului care doriti sa il dati proiectului.
- Va rugam sa remarcati ca atunci cand porniti Audacity prima oara, in meniu este valabil numai optiunea **Save Project As**.



2. Cum inregistrati.

- Porniti aparatul sa cante melodia sau albumul care doriti sa il inregistrati.
-  Apasati pe butonul rosu pentru a incepe inregistrarea.
- Puneti bratul de sunet pe albumul sau melodia care doriti sa o inregistrati.
-  Apasati butonul albastru Pause pentru a pune pauza. Apasati din nou pentru a continua.
-  Apasati butonul galben Stop.

Puteti acum sa redati inregistrările dumneavoastră și să explorați capabilitățile de editare al programului Audacity. Amintiți-va că puteți folosi funcția Undo aproape fără limite când proiectul este deschis.

Nota: CD-urile nu pot fi scrise direct din aplicația Audacity. Se vor folosi alte programe de scriere ale CD-urilor.

SPECIFICATII

GENERAL

Model:	TTA05USB
Dimensiuni:	450(W) x 350(D) x 145(H)mm
Greutate:	4.4Kg
Sursa de curent:	Voltaaj dual : AC 115V~60Hz/230V~50Hz, Selectarea manuala
Putere consumata:	8W
Conditii de testare:	Temperatura ambientala: 23 +/- 2 degC Umiditate relativa: 65% +/- 5%

NOTA: Masuratorile pot fi facute intre 5 degC pana la 35 degC si 45% pana la 85% umiditate relativa.

SECTIUNEA PLATAN:

Tip	2-viteze full manual
Motor	DC motor
Metoda de rulare	Curea
Platan	332mm dia. Plastic
Viteze	33 ¹ / ₃ and 45rpm
Wow si Flutter	Mai putin de 0.25% WRMS (JIS WTD) cu 33 ¹ / ₃ rpm
S/N Ratio	Mai mult de 50dB (DIN-B)
Control Pitch	+/- 10%
Timpul de start	Mai putin de 1 sec la 33 ¹ / ₃
Timpul de oprire	Mai putin de 1 sec la 33 ¹ / ₃
Timp pentru schimbarea vitezei	Mai putin de 1 sec de la 33 ¹ / ₃ la 45 rpm Mai putin de 1 sec de la 45 la 33 ¹ / ₃ rpm
Toleranta de viteza=0	Intre +3%/-2%
Funcția USB	USB A/D, D/A 16BIT 44.1KHz or 48KHz USB SELECTABLE Interfata calculator USB 1.1 compliant, WINDOWS XP sau MAC OSX

Bratul de sunet:

Tip	Brat de sunet static in forma de S cu cap detasabil
Lungimea bratului	220 mm
Eroare unghi	Mai mic de 3 grade
Applicable Cartridge Greutate	3.5~8.5g
Anti patinare	0-4g
Phono Output	1.5~3.6 mV la 1KHz 5cm/sec (HP-4005)
Line Output	90~216mV la 1KHz 5cm/sec (HP-4005)
Frecventa	20Hz-20KHz
Separarea canalelor	Mai mult de 15dB
Balans	Maxim 2.5dB la 1 KHz
Gama de presiune	3~4g
High of cue(first track)	8~10.5mm
Descend of cue	1~3sec

EQ AMP

Iesire	150mV +/-4dB (IN: 2.5 mV 1KHz)
RIAA	20Hz~20KHz +1/-3dB (IN: 1.5 mV 1KHz)

ELIMINARE

Reciclarea echipamentelor electrice și electronice uzate:



Acest simbol prezent pe produs sau pe ambalaj semnifică faptul că produsul respectiv nu trebuie tratat ca un deșeu menajer obișnuit. Nu aruncați aparatul la gunoierul menajer la sfârșitul duratei de funcționare, ci duceți-l la un centru de colectare autorizat pentru reciclare. În acest fel veți ajuta la protejarea mediului înconjurător și veți putea împiedica eventualele consecințe negative pe care le-ar avea asupra mediului și sănătății umane.

Pentru a afla adresa celui mai apropiat centru de colectare:

- Contactați autoritățile locale;
- Accesați pagina de internet: www.mmediu.ro;
- Solicitați informații suplimentare de la magazinul de unde ați achiziționat produsul.

IMPORTANT SAFETY INSTRUCTIONS

1. Read Instructions – All the safety and operating instructions should be read before this product is operated.
2. Retain Instructions – The safety and operating instructions should be retained for future reference.
3. Heed Warnings – All warnings on the appliance and in the operating instructions should be adhered to.
4. Follow Instructions – All operating and use instructions should be followed.
5. Water and Moisture – The appliance should not be used near water - for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, and the like.
6. Carts and Stands – The appliance should be used only with a cart or stand that is recommended by the manufacturer.
An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.
7. Wall or Ceiling Mounting – The product should not be mounted to a wall or ceiling.
8. Heat – The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
9. Power Sources – This product should be operated only from the type of power source indicated on the rating label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer the operating instructions.
10. Grounding or Polarization – This product may be equipped with a polarized alternation-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
11. Power-Cord Protection – Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the cord in correspondence of plugs, convenience receptacles, and the point where they exit from the appliance.
12. Cleaning - The appliance should be cleaned only as recommended by the manufacturer.
Clean by wiping with a cloth slightly damp with water. Avoid getting water inside the appliance.
13. For AC line powered units - Before returning repaired unit to user, use an ohm-meter to measure from both AC plug blades to all exposed metallic parts. The resistance should be more than 100,000 ohms.
14. Non-use Periods – The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.
15. Object and Liquid Entry—Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
16. Damage Requiring Service—The appliance should be serviced by qualified service personnel when:
 - A. The power-supply cord or the plug has been damaged; or
 - B. Objects have fallen, or liquid has been spilled into the appliance; or
 - C. The appliance has been exposed to rain; or
 - D. The appliance does not appear to operate normally or exhibits a marked change in performance; or
 - E. The appliance has been dropped, or the enclosure damaged.
17. Servicing – The user should not attempt any service to the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.
18. Ventilation – Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is the manufacturer's instructions have been adhered to.
19. Attachments – do not use attachments not recommended by the product manufacturer as they may cause hazards.
20. Accessories – Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.
21. Lightning – For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.
22. Replacement Parts – When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
23. Safety Check – Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

IMPORTANT SAFETY INSTRUCTIONS



CAUTION
DO NOT OPEN
RISK OF ELECTRIC SHOCK



CAUTION: To reduce the risk of electric shock, do not remove any cover. No user-serviceable parts inside. Refer servicing to qualified service personnel only.



The lightning flash with arrowhead symbol within the equilateral triangle is intended to alert the user to the presence of un-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within the equilateral triangle is intended to alert the user to the presence of important operation and maintenance (servicing) instructions in the literature accompanying this appliance.

CAUTION

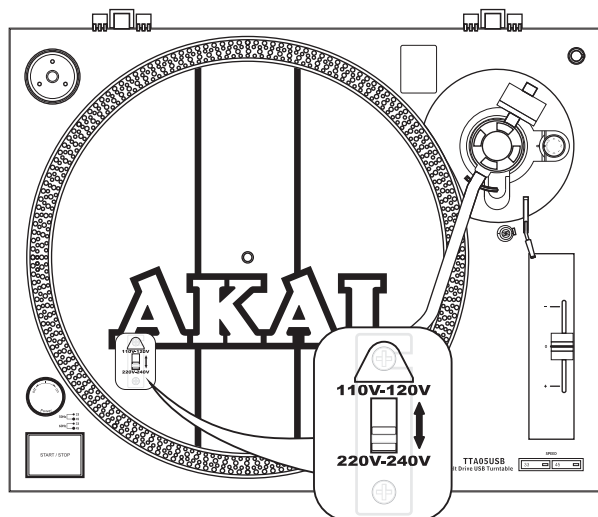
To prevent electric shock, do not use this polarized plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.

* LINE VOLTAGE SELECTION

Just for dual voltage mode only!

Because power supplies vary from location to location we have incorporated a selectable power supply.

- The desired voltage may be set with the VOLTAGE SELECTOR switch located under the platter. (use a flat head screw driver).
- Do not force the VOLTAGE SELECTOR switch as this may cause damage.
- If the VOLTAGE SELECTOR switch does not move smoothly, please contact a qualified service technician.



BEFORE USE

* Check for the following parts included in the package with the main unit:

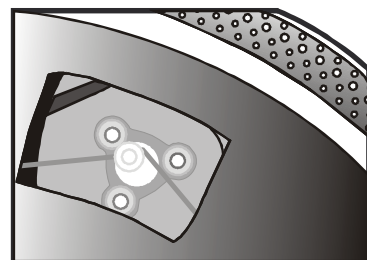
- | | | | |
|-------------|------------------|----------------------|--------------|
| • Platter | • Cartridge | • RCA cable | • Disc |
| • Slipmat | • USB cable | • Counter weight | • Dust cover |
| • Headshell | • 45 rpm adaptor | • Instruction manual | |

* VERY IMPORTANT!!

Do not forget to attach rubber belt to motor for correct operation. After placing the Turntable Platter onto the turntable through the Center Spindle, move one of the large windows on the Platter to top right corner. Attach rubber belt around motor. (Rubber belt is already attached to the underside of the Turntable Platter.)

* Notes:

- 1) Do not connect the AC power plug before assembly has been completed.
- 2) Before turning the power on, make sure once again all the connections and power voltage settings are correct. Always turn off the power when connecting or disconnecting.
- 3) Read this manual carefully before using the unit. Be sure to store the manual in a safe place for future reference.



ASSEMBLY

1. Remove the main unit with the packing from the box and remove the packing.
2. Set the 45-rpm adaptor on the main unit.
3. Set the turntable platter onto the center spindle.
4. Set the slip mat on the platter.
5. Installation of cartridge:
When installing a cartridge, refer to the operating instructions of that cartridge.
During installation, attach the stylus protector to guard the stylus tip from damage.
 - (a) Connect the lead wires to the cartridge terminals. The terminals of most cartridges are color-coded.
Connect each lead wire to the terminal of the same color.

White	(L+)		Left channel+
Blue	(L-)		Left channel-
Red	(R+)		Right channel+
Green	(R-)		Right channel-
 - (b) Install the cartridge to the headshell and tighten it with screws provided with the cartridge.
6. Insert the headshell into the front end of the tone arm, then turn the lock nut counterclockwise with the headshell firmly held horizontally.
7. Slide counterweight onto tone arm. Twist it lightly and it will screw onto the rear shaft of the tone arm.
8. Adjustment of horizontal "zero" balance and stylus pressure:
 - (a) Remove the stylus protector from the headshell, do not touch the stylus tip during the adjustment.
 - (b) Set the cueing lever to the lowered position.
 - (c) Release the tone arm clamp and lift the tone arm from the arm rest to free it.
 - (d) Rotate the counterweight until the tone arm is approximately balanced horizontally (floats freely).
 - (e) Refasten the tone arm with the tone arm clamp.
 - (f) Hold the counterweight stationary with one hand and rotate only the stylus-pressure ring to bring the number "0" of the ring into alignment with the center line on the tone arm rear shaft.
 - (g) Rotate the counterweight including the stylus-pressure ring counterclockwise until the scale shows the value corresponding to the pressure of the stylus used. Should you use a separate Stylus, please follow the manufacturer's instructions.
9. Set the anti-skating control knob to the same value as the stylus pressure.
10. Install the dust cover to the main unit's dust cover hinges.

PLACEMENT

- Do not place the unit in a location where it will be exposed to direct sunlight or near a heating appliance.
- Do not place the unit in a location where there is high humidity or a lot of dust.
- Cartridge may pick up slight sound pressures or vibrations of the speakers coming along the floor or through the air resulting in feedback or "howling" sound. Find a location which is very stable and vibration free.
- The legs have functions for adjusting the height of the unit itself. Adjust the legs to stabilize the main body horizontally.

CONNECTIONS

Before connecting the unit it is advised that you also consult your current equipment instruction manual.

IMPORTANT : Be sure to turn off the equipment before you make changes to the different connections.

1. Connect the power cord to an AC outlet.
2. Connect the RCA cable to the PHONO input of your AMPLIFIER when you set the PHONO/ LINE switch to PHONO position. You can also use a line input by setting the PHONO/ LINE switch at the rear of the turntable to LINE.

Output terminals

L (White)

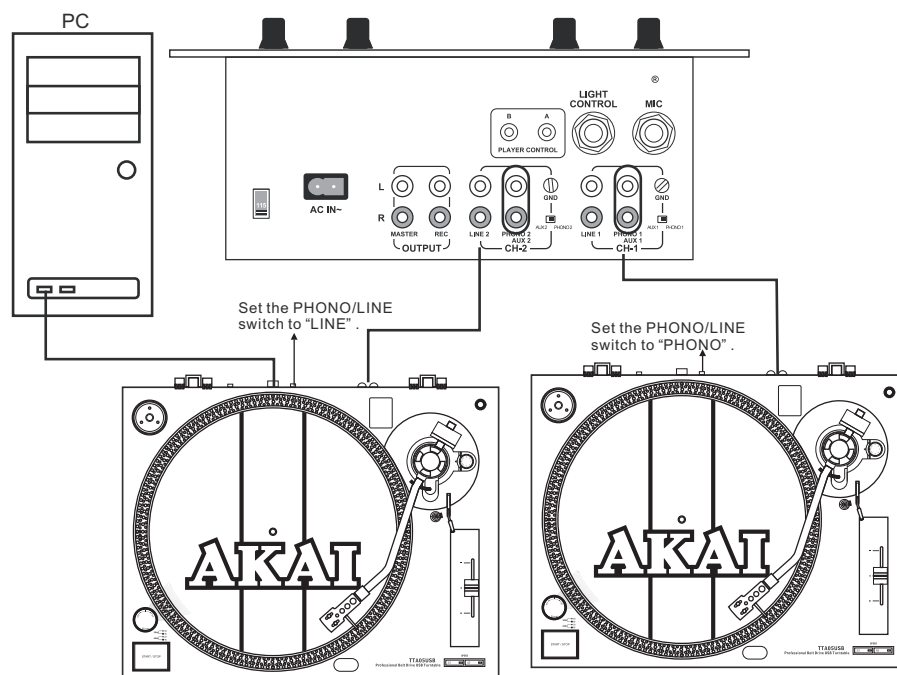
R (Red)

Amplifier (Receiver)

L Channel

R Channel

3. Connect PC via USB cord.



OPERATIONS

1. Turn the On/Off Switch clockwise to turn on the power, the speed indicator and the strobe-illuminator, which is located beneath the On/Off switch, will light up.
2. Place a record on the slip mat. When playing a 45-rpm record with a large center hole, place the 45-rpm adapter on the center spindle.
3. Set the speed to match the record.
4. Remove the stylus protector from the Headshell Stylus and then release the Tone arm clamp.
5. Set the cueing lever to the up position.
6. Press the Start/Stop Button; the turntable platter will start to rotate.
7. Move the tone arm over the desired groove.
8. Set the cueing lever to the down position, the tone arm will descend slowly onto the record and begin playing.
9. When play is finished, raise the cueing lever, move the tone arm onto the Tone arm clamp.
10. Press the Start/Stop Button to stop the platter from rotating. Turn the On/Off Switch counterclockwise to turn off the power.

* SUSPEND PLAY

Set the cueing lever to "UP" position during play, the stylus tip of the cartridge will be lifted from the record.

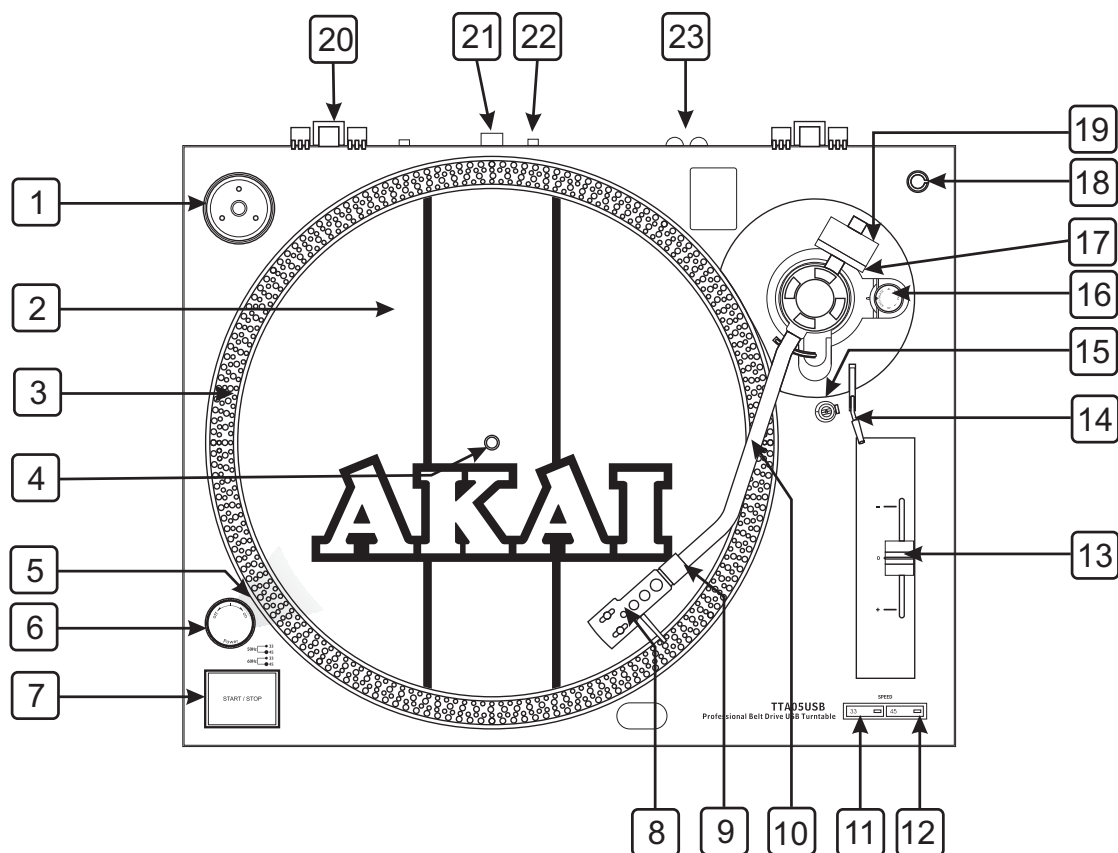
CHANGING THE SPEED

- As long as the pitch control is in center “detent” click position, the turntable is operated at selected speed.
- The speed can be increased or decreased by 10% by the pitch control.
- An incorrect adjustment done on purpose can also be used to have the turntable rotate extremely slow or fast.
- The strobe dots at the edge of the turntable are used for speed monitoring.

MAINTENANCE

- Clean the stylus periodically with a soft brush to prevent the accumulation of dust.
- When sound becomes distorted or noisy, check the stylus. If the stylus is worn out, replace it with a new one.
- From time to time, the dust cover and turntable cabinet should be wiped down with a soft, dry cloth.
- Volatile materials should not be used, such as: alcohol, thinner, benzine etc. They may remove the paint or damage the luster.

CONTROLS OVERVIEW



1. 45-rpm Adaptor

This adapter allows you to play standard 7" EP vinyl records with large center holes. Place the adapter on the CENTER SPINDLE 7" records.

2. Turntable Platter

This platter connects directly to the center spindle. The platter and center spindle holds a vinyl record perfectly center. The platter also spins the record at a consistent speed.

CONTROLS OVERVIEW

3. Strobe Indicators

The PLATTER has four rows of indicators. These indicators are used to visually detail various stages of pitch. The indicators are illuminated by the STROBE INDICATOR PILOT LAMP. Each row may appear to stand still at different pitch levels.

Note: The use of heavy fluorescent lighting directly above the turntable will defeat the STROBE LAMP PILOT LAMP affect indicator accuracy.

4. Center Spindle

This spindle holds the turntable PLATTER records stable and centered.

5. Strobe Indicators Pilot Lamp

This is lamp specially designed to pulse a beam of light at the STROBE INDICATORS on the turntable PLATTER. This will give the illusion that indicators are not spinning at certain speeds.

6. Power Switch

This is a rotary power switch. To turn main power on turn the switch in a clockwise direction. To turn main power off turn the switch in counterclockwise direction.

7. Start/Stop Button

This over sized push button controls platter motion. When the unit is turned on the platter will not automatically begin to spin. Pressing the button once will engage the high torque motor and spin the platter, pressing this again will stop the platter.

8. Headshell

The included HEADSHELL is used to connect your stylus with the tone arm.

9. Headshell Locking Nut

After attaching the headshell to the tone arm, this locking nut will securely hold the headshell to the tone arm.

10. S-Shaped Tone Arm

The tone arm is the mechanism that holds the HEADSHELL and stylus allowing it to glide across a record.

11. 33-RPM Speed Select Button

Engaging this button will rotate the platter at 33 revolutions per a minute (RPMs). A function LED will glow when this function is activated.

12. 45- RPM Speed Select Button

Engaging this button will rotate the platter at 45 RPMs. A function LED will glow when this function is activated.

13. Pitch Control Slider

This slider is used to adjust the playback pitch percentage (platter speed).

14. Tone Arm Lever

This lever is used to safely elevates the tone arm above a record surface without endangering a records surface.

15. Tone Arm Clamp and Rest

Use this rest to safely hold the tone arm in position during non-use and transportation.

16. Anti-skate Knob

The anti-skate applies inward force to the tone arm to prevent outward skipping across the record due to the centrifugal force cause by platter rotation. The anti-skate value should be equally to that of the stylus counterweight pressure.

17. Stylus-Pressure Ring

*The counterweight scale must face toward the DJ.

18. Extra Stylus Holder

This cut out has been designed to safely store an extra stylus headshell.

19. Counterweight

Use the counterweight to balance the tone arm and to adjust the stylus pressure.

20. Hinge For Dust Cover

21. USB Socket (USB cable limit within 3m)

After connecting the Turntable to the computer via USB, you can record your vinyl to hard disc using the software.

22. Phono/Line Selector

This switch is used to change the mode of phono output or line output.

23. RCA output Jacks

The output is able to switch to PHONO output or LINE output. For example: These jacks are used to send a low voltage "phono" level output signal to a mixers "phono" input jacks. Turntables should be connected to "Phono" inputs on a mixer. The red colored RCA jack represents the right channel input and the white represents the left channel input.

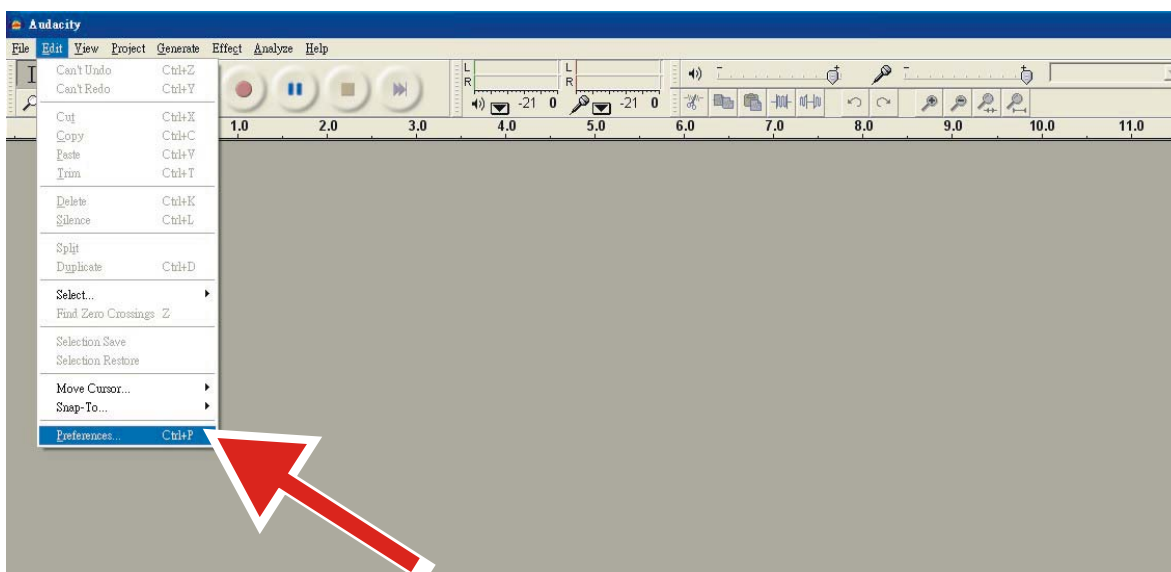
AUDACITY SOFTWARE OVERVIEW

Audacity is free software, licensed under the GNU General Public License (GPL). More information as well as open source code can be found on the CD included or on the web at <http://audacity.sourceforge.net/>

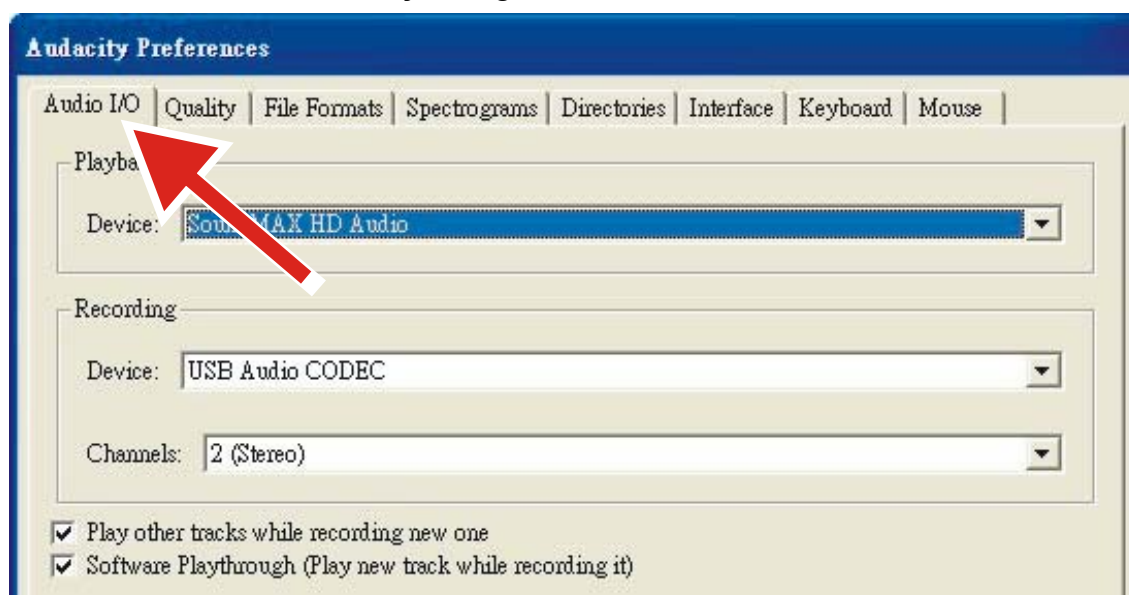
*** Please ensure you have installed the software before starting.**

Setting up your PC to work with Audacity

1. Connect an input source to the unit.
2. Connect the USB lead to your computer.
3. Install the Audacity recording software.
4. Open the Audacity program.
5. Select Preference from the Edit tab in the Audacity Menu.



6. Select **Audio I/O** tab at the top left.
 - Under Playback, Device, select **your internal sound card**.
 - Under Recording, Device, select **USB Audio CODEC**.
 - Under Recording, Channels, select **2 (Stereo)**.
 - Check the box marked **Play other tracks while recording new one**.
 - Check the box marked **Software Playthrough**.

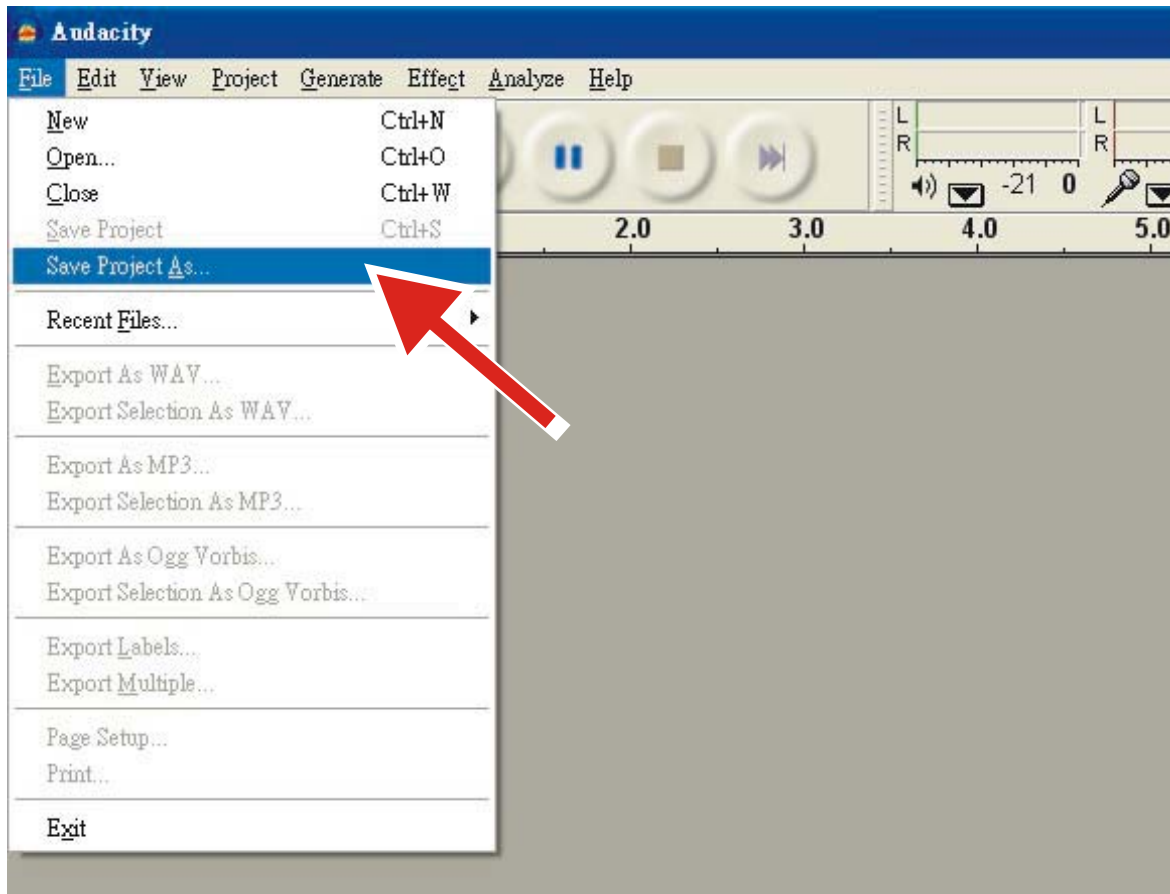


AUDACITY SOFTWARE OVERVIEW

Recording Albums with Audacity

1. Saving a project

- Audacity writes all the changed and recorded audio to a directory called **Projectname_data**, which is located right where you saved the project file itself.
- Thus, select **Save project as** from your Audacity File tab and choose a location and filename for your project.
- Please note that when you startup Audacity fresh, only the “**Save As...**” menu option is available.



2. How to record

- Set your USB turntable up to play the song or album you want to record.
- Click on the red Record button  to begin recording.
- Lower tone arm on USB turntable onto album and track you want to record.
- Click on the blue Pause button  to pause the recording. Press it again to continue.
- Click on the yellow Stop button. 

That's it. You can now play around with your recording and explore the editing capabilities of Audacity. Remember that you can use the Undo function almost without limits while the project is open.

NOTE: CD's cannot be burned directly from the Audacity application. Other CD burning applications should be used.

SPECIFICATION

GENERAL

Model:	TTA05USB Professional Belt Drive USB Turntable
Dimensions:	450(W) x 350(D) x 145(H)mm
Weight:	4.4Kg (Aluminum platter)
Power supply:	Dual Voltage: AC 115V~60Hz/230V~50Hz, User Selectable
Power consumption:	8W
Standard test condition:	Ambient Temperature: 23 +/- 2 degC Relative Humidity: 65% +/- 5%

NOTE: Measurements can be carried out between 5 degC to 35 degC and 45% to 85% relative humidity.

TURNTABLE SECTION:

Type	2-speed full manual
Motor	DC motor
Driving Method	Belt drive
Turntable Platter (Plastic)	332mm dia.
Speeds	33 ¹ / ₃ and 45rpm
Wow and Flutter	Less than 0.25% WRMS (JIS WTD) with 33 ¹ / ₃ rpm
S/N Ratio	More than 50dB (DIN-B)
Pitch Controls	+/- 10%
Starting Time	Less than 1 sec with 33 ¹ / ₃
Braking Time	Less than 1 sec. with 33 ¹ / ₃
Time for Speed Change	Less than 1 sec. from 33 ¹ / ₃ to 45 rpm Less than 1 sec. from 45 to 33 ¹ / ₃ rpm
Speed tolerance at pitch=0	Within +3%/-2%
USB Function	USB rec. Function A/D, D/A 16BIT 44.1KHz or 48KHz USB SELECTABLE Computer interface USB 1.1 compliant, WINDOWS XP or MAC OSX

TONE ARM SECTION:

Type	Static balanced S-shaped tone arm with detachable headshell
Effective Arm Length	220 mm
Tracking Error Angle	Less than 3 degree
Applicable Cartridge Weight	3.5~8.5g
Anti-skating Range	0-4g
Phono Output Level	1.5~3.6 mV at 1KHz 5cm/sec (HP-4005)
Line Output Level	90~216mV at 1KHz 5cm/sec (HP-4005)
Frequency Response	20Hz-20KHz
Channel Separation	More than 15dB
Channel Balance	Within 2.5dB at 1KHz
Tracking Force adjustment Range	3~4g
High of cue(first track)	8~10.5mm
Descend of cue	1~3sec

EQ AMP

Output	150mV +/-4dB (IN: 2.5 mV 1KHz)
RIAA	20Hz~20KHz +1/-3dB (IN: 1.5 mV 1KHz)

DISPOSAL

Disposal of Used Electrical & Electronic Equipment



The meaning of the symbol on the product, its accessory or packaging indicates that this product shall not be treated as household waste. Please, dispose of this equipment at your applicable collection point for the recycling of electrical & electronic equipments waste. In the European Union and Other European countries which there are separate collection systems for used electrical and electronic product. By ensuring the correct disposal of this product, you will help prevent potentially hazardous to the environment and to human health, which could otherwise be caused by unsuitable waste handling of this product. The recycling of materials will help conserve natural resources. Please do not therefore dispose of your old electrical and electronic equipment with your household waste. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

AKAI