

# ProtonDrive Sync - Quick Start Guide

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Get up and running with ProtonDrive Sync in just a few minutes!

## Prerequisites Check

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### 1. Check Python Installation

```
python --version  
# Should show Python 3.8 or higher
```

If not installed:

```
# Arch/CachyOS  
sudo pacman -S python
```

### 2. Install Rclone

```
# Arch/CachyOS  
sudo pacman -S rclone  
  
# Verify installation  
rclone version
```

### 3. Configure ProtonDrive with Rclone

```
rclone config
```

Follow these steps:

1. Press `n` for "New remote"
2. Name it (e.g., "protondrive")
3. Choose ProtonDrive option (search for "protondrive")
4. Follow the authentication prompts
5. Test with: `rclone lsd protondrive:`

## Installation

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### Option 1: Quick Run (No Installation)

```
# Navigate to the project directory  
cd /path/to/protondrive-sync  
  
# Install dependencies  
pip install -r requirements.txt  
  
# Run the application  
python -m src.main
```

## Option 2: Install as Package

```
# Navigate to the project directory
cd /path/to/protondrive-sync

# Install the package
pip install -e .

# Run from anywhere
protondrive-sync
```

## Option 3: Virtual Environment (Recommended)

```
# Create virtual environment
cd /path/to/protondrive-sync
python -m venv venv

# Activate virtual environment
source venv/bin/activate

# Install dependencies
pip install -r requirements.txt

# Run the application
python -m src.main
```

## First Run Setup


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- 1. Launch the Application**
  - The setup wizard will appear automatically
- 2. Configure Your Remote**
  - Select your ProtonDrive remote from the dropdown
  - Click “Test Remote” to verify it works
  - You should see a green checkmark
- 3. Choose Local Folder**
  - Click “Browse” and select where you want files synced
  - Example: `/home/yourusername/ProtonDrive`
  - Make sure you have write permissions
- 4. Set Auto-Sync (Optional)**
  - Check “Enable automatic sync” if desired
  - Set sync interval (default: 30 minutes)
- 5. Save Configuration**
  - Click “OK” to save and close the wizard

## Basic Usage

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### Manual Sync

1. Open the application window
2. Click the “ Sync Now” button

3. Watch the activity log for progress

## Auto-Sync

1. Open Settings (⚙️ button)
2. Enable “Enable automatic sync”
3. Set desired interval
4. Click OK

## System Tray

- **Double-click icon** - Open main window
- **Right-click icon** - Quick menu
- Start/Stop Auto-Sync
- Sync Now
- Quit

## Troubleshooting

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### Application Won't Start

```
# Run with error output
python -m src.main

# Check logs
cat ~/.config/protondrive-sync/protondrive-sync.log
```

### Rclone Not Found

```
# Install rclone
sudo pacman -S rclone

# Verify it's in PATH
which rclone
```

### Remote Not Accessible

```
# Test rclone configuration
rclone lsd your-remote-name:

# If it fails, reconfigure
rclone config
```

### Permission Denied on Local Folder

```
# Check folder permissions
ls -la /path/to/sync/folder

# Create folder with correct permissions
mkdir -p ~/ProtonDrive
chmod 755 ~/ProtonDrive
```

## Daily Workflow

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### Morning Routine

1. Application should already be running in system tray
2. Check for sync status (right-click tray icon)
3. Manual sync if needed

### Working with Files

1. Files sync from ProtonDrive → Local folder
2. Work on files locally
3. Changes will be synced on next sync cycle
4. **Note:** This is a one-way sync (ProtonDrive → Local)

### Evening Routine

1. Check activity log for any sync errors
2. Leave application running for auto-sync
3. Or quit from tray menu if desired

## Advanced Configuration

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### Config File Location

```
~/.config/protondrive-sync/config.json
```

### Manual Config Edit

```
# Edit configuration
nano ~/.config/protondrive-sync/config.json

# Restart application after editing
```

### View Logs

```
# Real-time log viewing
tail -f ~/.config/protondrive-sync/protondrive-sync.log

# View recent logs
tail -50 ~/.config/protondrive-sync/protondrive-sync.log
```

## Tips & Best Practices

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1. **Start Small**
  - Test with a small subset of files first
  - Verify sync works correctly before syncing everything
2. **Regular Syncs**
  - Enable auto-sync for consistent file updates
  - Set interval based on your needs (15-60 minutes)

### 3. Monitor Logs

- Check activity log occasionally
- Look for sync errors or warnings

### 4. Backup

- Local folder is synced from ProtonDrive
- Keep important files backed up on ProtonDrive

### 5. System Resources

- Application uses minimal resources when idle
- Syncing large files may use more bandwidth

## Uninstallation

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```
# If installed with pip
pip uninstall protondrive-sync

# Remove configuration
rm -rf ~/.config/protondrive-sync

# Remove virtual environment (if used)
rm -rf /path/to/protondrive-sync/venv
```






## Getting Help

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- **Check README.md** - Comprehensive documentation
- **View Logs** - `~/.config/protondrive-sync/protondrive-sync.log`
- **Rclone Docs** - <https://rclone.org/protondrive/>
- **GitHub Issues** - Report bugs or request features

## Next Steps

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-  Application is running
-  First sync completed
-  Read the full README.md for advanced features
-  Customize settings to your preferences
-  Enjoy automatic ProtonDrive syncing!

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Happy Syncing! 