

ProtonDrive Sync - Quick Start Guide

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

Prerequisites Check

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

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

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

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

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

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

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

- 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

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

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

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

Getting Help

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

Next Steps

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

Happy Syncing!